
General

This Guide contains all Overlay modules applicable to Meridian 1 switches equipped with Generic X27 software. Overlays are classified as being either Administration Overlays or Maintenance Overlays.

Option 11C Compact systems and this Guide

Many features and services offered with Option 11C Compact systems are similar (if not identical) to those found with other Meridian 1 systems. For this reason, this guide often refers to those systems. When using this guide with Option 11C Compact, references to Option 11 and Option 11C should also be considered as references to Option 11C Compact.

A list of features and services available with Option 11C Compact is located in the *Option 11C Compact Features and Services Guide*.

Administration modules document input and output in the Meridian prompt-response system. When the data administrator loads an Administration Overlay into memory on a Terminal, the switch outputs a prompt. The data administrator may then type a response to answer that prompt. If the response is valid, the program outputs the next prompt. If the response is invalid, an SCHxxxx message is output. To configure or change a feature, the data administrator may have to respond specifically to several prompts.

Maintenance modules document input and output in the command entry system. The Meridian 1 command entry system may be used to:

- view and print status of switch information
- perform background tests
- disable, enable and test system hardware (e.g., a particular phone)

When a data administrator loads a Maintenance overlay into memory on a Terminal, the administrator may then type in any command documented in that overlay. (The term “overlay” is synonymous with the terms “load”, “LD” and “overlay program”.)

A listing of Feature Packages appears twice in this NTP. An alphabetical listing (sorted by Package mnemonic) of Feature Packages can be found on [page 21](#). A numerical listing of Feature Packages (sorted by Package number) can be found on [page 25](#).

Format of input/output NTP

This NTP presents both maintenance overlays and data administration overlays. Overlay programs are identified by LD XX or LD XXX where XX or XXX is the overlay number. Maintenance overlays and data administration overlays are intermingled in this NTP, appearing in numerical order as separate modules.

Format of Administration Overlays

Two general table types appear in each administration overlay. The first table type is the *Prompts and responses* table. It appears at the front of each load and often follows introductory text. The second general table concludes each Administration overlay and is titled *Alphabetical list of prompts*.

The *Prompts and responses* table

Many *Prompts and responses* tables present a complete list of an overlays prompts. When this is the case, they are simply titled *Prompts and responses*. Other *Prompts and responses* tables present only a subset of an overlays prompts. When this is the case, they are titled *Prompts and responses by task, data block or feature*.

In some overlays, both the complete prompt list and several prompt subsets are presented. When both types of list appear in an overlay, a *Table of contents* box appears to help you find a particular prompt listing.

All *Prompts and responses* tables list prompts in the order in which they are output in each overlay. Acceptable responses or response variables are listed beside each prompt. A brief explanation of the prompt is provided in a *Comment* column.

Subprompts are indented with a hyphen. To have subprompts appear on the

TTY, the data administrator must enter specific responses at the previous non-indented prompt.

The *Alphabetical list of prompts* table

This table provides a more detailed description of a response.

Note that in an *Alphabetical list of prompts* table:

- a** Responses are actual alternatives and not generic variables.
- b** The comment entry is often expansive and may explain the prompt, the response, or both.

Format of Maintenance Overlays

Two general tables appear in each maintenance overlay. The first general table is titled “*Basic commands*”. It appears at the front of each load and often follows introductory text. The second general table concludes each Maintenance overlay and is titled “*Alphabetical list of commands*”.

The *Basic commands* Table

This table presents an abbreviated listing of that overlays’s entire command selection. A brief description of the command is presented beside each command.

The *Alphabetical list of commands* Table

This table provides a more detailed description of a given command.

Note that in an *Alphabetical list of commands* table:

- a** The description is often expansive.
- b** The package column provides the mnemonic of the package that must be equipped on the switch in order to receive this prompt.

Notational conventions

- 1 Although input can be accepted in upper or lower case, most prompts will translate the response to upper case. Exceptions include prompts such as NAME in LD 95 and DES in LD 17.
- 2 Lowercase variables are used in this book to represent many possible responses. The following table lists a few key variables which appear throughout this NTP:

Variable	Meaning
aa	Text string
aaa bbb	Alphabetic or alphanumeric characters
c	Customer Number (0)
c (u)	Terminal Number (TN) Card, Unit; where unit is optional
c u	Terminal Number (TN) Card and Unit
c 0 0 u	Terminal Number (TN). A TN consists of a card, two filler digits, and a unit.
dn	Directory Number (DN)
hh mm	Hours (0 - 23) and Minutes (00 - 59)
loop	Network Loop Number (0-159)
mmm	Month (JAN - DEC) when used in a date.
nnn xxx	Numeric characters
xxx	Numeric value (such as a DN)
yy mm dd	Year (00 - 99), Month (1 - 12) and Day (1 - 31)

- 3 **<cr>** denotes that the carriage return key is to be depressed without inputting any data. The carriage return leaves the existing value unchanged, or enters the default value if there is no existing value.
- 4 **<space>** denotes that the space bar is to be depressed instead of **<cr>**.

- 5 **<value>** denotes a variable value, generally for a prompt response.
For example, **<NIPN>** is the value responded to the NIPN prompt and **<min>** is a minimum value.
- 6 Default values are shown in parentheses
- 7 A range of numbers is denoted by giving the lower and upper limits of the range. For example, given the range **0 - (2) - 3**, the user may manually enter 0, 1, 2, or 3, or carriage return (press **<cr>**) to enter the default of 2.
- 8 Default values are shown in brackets in the response column where applicable. Pressing **<cr>** enters the default.
- 9 Where applicable, precede an entry with an **X** to delete that entry or set your entry to default value.

Related documentation

Feature description

Feature information is provided in the *Features and Services* NTP.

Operational testing

Information and instruction regarding the testing of features and services for telephone sets and attendant (ATT) consoles is contained in the *Features and Services* NTP.

Communicating with the system

To communicate with the system, the following input/output devices at either on-site (local) or remote locations are required:

- TTY or VDT terminal as an input/output device
- RS-232-C compatible printer as an output only device
- maintenance telephone set as an input only device

The input/output system can operate with terminals having the following characteristics:

- Interface: RS-232-C
- Code: ASCII
- Speed: 110, 300, 1200, 2400, 4800, 9600 and 19200 baud
- Loop Current: 20 mA

Accessing the system

Logging in and out

When you access the system through a system terminal, a login procedure is required (refer to [Procedure 1 on page 9](#)). All system passwords are initially set as 0000, but you can change passwords through the Configuration Record (LD 17). See also “Limited Access to Overlays” in the *Features and services* NTP.

Level 1 password. This general password is used in the log in sequence to provide general access to the system by service personnel. Once the system is accessed, the service personnel may then perform any necessary administration or maintenance tasks.

Level 2 password. This administrative password is known and used only by the data administration manager. The password is used to protect the system configuration record and is required when using LD 17 to change either the general or the administrative passwords.

Local and remote access

Input/output terminals may operate either locally or remotely. However, data modems are required for terminals located more than 50 ft (15 m) from the central control interface. Both local and remote terminals interface with the system through Serial Data Interface (SDI) packs.

Many devices can be installed at local and remote locations. When a system terminal is installed locally, it is connected directly to a SDI Card. When a system terminal is installed at a remote location, modems (or data sets) and a telephone line are required between the terminal and the SDI card.

HOST mode access

A system terminal is connected through an SDI port. SDI ports are defined in LD 17 and may be configured for different types of outputs. For example, one terminal may be defined for traffic reports, another for maintenance messages. Two ports may be defined for the same output.

It is possible to log in as a HOST. When in the HOST mode, the outputs defined for the port are only output to that port. Thus the port is no longer limited to the speed of the slowest port sharing the output types. This is useful for applications, such as MAT, which require high speed ports. Once the HOST port has logged out, the outputs to the other ports are restored.

To configure a system terminal, see the “System and limited access passwords” in the configuration record (LD 17). See also OVL403 and OVL404 messages, which are output to the ports affected by a HOST log in.

Line mode interface log in procedure

With Line Mode interface enabled (LON), the backspace can be used to edit input. The entered information (responses, for example) is not processed until the <CR> is entered. When the Line Mode is disabled (LOF), the system terminal interface operates as it did by default.

Procedure 1 Logging in and out

1 Press <cr>

— If the response is: **OVL111 nn TTY** or **OVL111 nn SL-1**

That means: Someone else is logged into the system. When they have logged off, press <cr> and go to Step 2.

— If the response is: **OVL111 nn IDLE** or **OVL111 nn BKGD**

That means: You are ready to log into the system. Go to Step 2.

— If the response is: **OVL000 >**

That means: This is the program identifier which indicates that you are already logged into the system. Go to Step 4.

2 Enter: **LOGI**, then press <cr>

The normal response is: **PASS?**

If there is any other response, refer to the message text in the System Error Messages NTP.

3 Enter: **Level 1** or **Level 2 password** and press <cr>.

If the password is correct, the system responds with the prompt: >

- 4 Load a program by entering: **LD XX or LD XXX**(where X represents the overlay program number).
- 5 Perform tasks
- 6 End the program by entering: **END** or ********
7. Always end the log in session with: **LOGO**

The background routines are then loaded automatically.

Access through the maintenance telephone

A telephone functions as a maintenance telephone when you define the class-of-service as MTA (maintenance telephone allowed) in the Multi-line Telephone Administration program (LD 11). A maintenance telephone allows you to send commands to the system, but you can only use a subset of the commands that can be entered from a system terminal.

You can test tones and outpulsing through the maintenance telephone. Specific commands for those tests are given in the Tone and Digit Switch and Digitone Receiver Diagnostic (LD 34).

To access the system using the maintenance telephone, see [Procedure 2 on page 11](#). To enter commands, press the keys that correspond to the letters and numbers of the command (for example, to enter LD 42 return, key in 53#42##). [Table 2 on page 11](#) shows the translation from a keyboard to a dial pad.

The following overlays (LDs) ARE accessible from a maintenance telephone: 30, 32, 33, 34, 35, 36, 37, 38, 42, 43, 45, 46, 60, 61, 62

The following overlays (LDs) ARE NOT accessible from a maintenance telephone: 31, 40, 48, 77, 80, 92, 96, 135, 137, 143

Note: To use the maintenance telephone, the loop for that telephone must be operating.

Table 2
Translation from keyboard to dial pad

Keyboard				Dial pad
			1	1
A	B	C	2	2
D	E	F	3	3
G	H	I	4	4
J	K	L	5	5
M	N	O	6	6
P	R	S	7	7
T	U	V	8	8
W	X	Y	9	9
			0	0
		Space or #		#
		Return		##
		*		*
Note: There is no equivalent for Q or Z on a dial pad.				

Procedure 2
Access through the maintenance telephone

- 1 Press the prime DN key.
- 2 Place the set in maintenance mode by entering: **xxxx91**
 Where: “xxxx” is the customer Special Prefix (SPRE) number. It is defined in the Customer Data Block and can be printed using LD 21. The SPRE number is typically “1” (which means you would enter 191).
- 3 Check for busy tone by entering “return” : **##**
 - If there is no busy tone, go to Step 4.
 - If there is a busy tone, a program is active. To end an active program and access the system enter: ********
- 4 Load a program by entering: **53#xx##**
 Where: “xx” represents the number of the overlay program

- 5 Perform tasks.
- 6 To exit the program and return the telephone to call processing mode, enter: ****

Background routines are then loaded automatically.

Accessing Meridian Mail Compact

The system allows access to Meridian Mail Compact Administration & Maintenance through a shared terminal. To access the Meridian Mail system, log in and enter: AX. To exit from Meridian Mail, press the Control key and the closed square bracket (]) simultaneously.

System memory and disk space

The following memory information is output when an administration program is loaded. This information is used to plan the addition of new features, such as speed call lists, which require memory.

MEM AVAIL: (U/P): pppppp USED: qqqqqq TOT: rrrrrr

or (depending on the total amount of memory)

MEM AVAIL: (U-ppppp1 P-ppppp2): USED: qqqqqq TOT: rrrrrr

Legend:

Element	Definition
ppppp1	Amount of unprotected memory available for use (in words)
ppppp2	Amount of protected memory available for use (in words)
pppppp	Total memory available for use (ppppp1 + ppppp2) (in words)
qqqqqq	Total amount of memory used (in words)
rrrrrr	Total amount of memory (in words)
xxxxx	Floppy disk records available for storage of additional data

Low memory and disk warnings

If the amount of memory is low, the following message is output:

WARNING: LOW MEMORY

When this message appears avoid performing further administration changes which require more memory. These changes may be lost during the next data dump.

When low memory problems occur, a review of system memory is recommended. Memory may be reclaimed by removing unused features. For example, the system may have speed call lists which are no longer used and can be removed.

Preview of overlay content

System information, call information, features and services are all controlled by overlays (LDs). Data blocks are used to control this information. Listed below are some of the items accessible through the overlays.

Type	Overlay(s)	Item
Terminal Number data block	10, 11, 12, 14	busy lamp field Class of Service (CLS) feature access and requirements key assignments route assignment telephone features (# of key strips, data modules) telephone type trunk access trunk type
Customer data block	15	attendant console information customer number feature access codes incoming call identification intercept options Listed Directory Number (LDN) night service Recorded Announcement (RAN)
Route data block	16	access codes Call Detail Recording (CDR) information code restrictions network trunk features route number trunk route type trunking features (timers, starting arrangements)
Configuration data block	17	input/output devices network loop usage number of memory modules number of network loops system parameters (call register, buffer sizes, traffic)

Multi-User Login

Meridian 1 Multi-User Login (MULTI_USER) (package 242) enables up to three users to log in, load, and execute overlays simultaneously. These three users are in addition to an attendant console or maintenance terminal. The multi-user capability increases the efficiency of craftpersons by enabling them to perform tasks in parallel. To facilitate this operating environment, Multi-User Login includes significant functionality:

- Database conflict prevention
- Additional user commands
- TTY log files
- TTY directed I/O

With multiple overlays operating concurrently, there is the potential for a database conflict if two or more overlays attempt to modify the same data structure. Multi-User Login software prevents such conflicts. When a user requests that an overlay be loaded, the software determines if it could pose a potential conflict with an overlay that is already executing. If no conflict exists, the requested overlay is loaded. If a conflict does exist, the system issues the following message:

OVL429-OVERLAY CONFLICT

The user can try again later, or try to load a different overlay.

Multi-User Login also introduces several new user commands. With these commands, the user has the ability to:

- communicate with other users
- determine who is logged into the system
- halt and resume background and midnight routines
- initiate and terminate terminal monitoring
- change printer output assignment

User commands

A user can issue any of the commands listed and described in [Table 3, “New user commands,” on page 18](#) at the > prompt (after login but with no overlay executing), or from within an overlay. To issue a command from within an overlay, precede the command with an exclamation point (!).

For example, to issue the WHO command from within an overlay, type:

```
!WHO
```

Table 3
New user commands

Command	Description
WHO	Displays user name, port ID, and overlay loaded for each logged-in terminal, as well as the user's MON and SPRT commands (see below).
SEND xx	Sends a message to logged-in terminal xx. When the system responds with a "SEND MSG: " prompt, enter the message text yy...yy (up to 80 characters). The text of a message is considered private and therefore is not written to any log file.
SEND ALL	Sends a message to all logged-in terminals. When the system responds with a "SEND MSG: " prompt, enter the message text yy...yy (up to 80 characters). The text of a message is considered private and therefore is not written to any log file.
SEND OFF	Prevents messages sent by other terminals from appearing at the user's terminal.
SEND ON	Enables messages sent by other terminals to appear at the user's terminal.
FORC xx	Forces terminal xx to log off (the requesting user must log in with LAPW or a level 2 password).
HALT	Stops background and midnight routines during a login session.
HALT OFF	Resumes halted background and midnight routines.
MON xx	Initiates monitoring for terminal xx (the requesting user must log in with LAPW or a level 2 password). The monitored terminal receives a message at the beginning and end of the monitored period.
MON OFF	Turns off the monitor function.
SPRT xx	Assigns printer output to port xx.
SPRT OFF	Resets printer output assignment.

For more information on Multi-User Login, consult the *Management Applications* NTP.

Maintenance display codes

Maintenance displays are located on the faceplate of certain Meridian SL-1 circuit cards. A maintenance display code is a one-, two-, or three-digit alphanumeric code which can indicate the status of the system and identify faulty equipment. For a detailed definition of these codes, see the section titled “HEX” in the System Error Messages NTP.

Time and date of fault

The system identifies the time that faults are detected. When a diagnostic message is output, a timestamp is output within 15 minutes. The format is:

TIMxxx hh:mm dd/mm/yy CPU x

Where: **xxx** is the system ID

The time, date, and system ID are set in LD 2.

Alphabetical List of Packages

Listed below is a comprehensive alphabetical list of packages which may be equipped on this system. For a numerical list of available packages, refer to the section titled “Numerical List of Packages” on page 25.

Note: A list of features and services available with this system is located in the *Features and Services Guide*.

Mnemonic	Feature Name	Number
AAA	Attendant Alternative Answering	174
AAB	Automatic Answerback	47
ACDA	Automatic Call Distribution, Package A	45
ACDB	Automatic Call Distribution, Package B	41
ACDC	Automatic Call Distribution Package C	42
ADMINSET	Set Based Administration	256
AINS	Automatic Installation	200
ALRM_FILTER	Alarm Filtering	243
ANI	Automatic Number Identification	12
ANIR	ANI Route Selection	13
AOP	Attendant Overflow Position	56
ARIE	Aries Digital Sets	170
ATX	Autodial Tandem Transfer	258
BACD	Basic Automatic Call Distribution	40
BARS	Basic Alternate Route Selection	57
BASIC	Basic Call Processing	0
BAUT	Basic Authorization Code	25
BKI	Attendant Break-In/Trunk Offer	127
BQUE	Basic Queuing	28

Mnemonic	Feature Name	Number
BRTE	Basic Routing	14
CAB	Charge Account/Authorization Code	24
CALL ID	Call ID (for AML applications)	247
CBC	Call-by-Call Service	117
CCDR	Calling line Identification in Call Detail Recording	118
CCOS	Controlled Class Of Service	81
CDR	Call Detail Recording	4
CDRE	Call Detail Recording Expansion (7 digit)	151
CDRQ	ACD CDR Queue Record	83
CDRX	Call Detail Recording Enhancement	259
CHG	Charge Account for CDR	23
CPCI	Called Party Control on Internal Calls	310
CPND	Calling Party Name Display	95
CPP	Calling Party Privacy	301
CPRK	Call Park	33
CSL	Command Status Link	77
CTY	Call Detail Recording on Teletype Terminal	5
DCON	M2250 Attendant Console	140
DCP	Directed Call Pickup	115
DDSP	Digit Display	19
DHLD	Deluxe Hold	71
DI	Dial Intercom	21
DKS	Digit Key Signaling	180
DLDN	Departmental Listed Directory Number	76
DNDG	Do-Not-Disturb, Group	16
DNDI	Do-Not-Disturb, Individual	9
DNIS	Dialed Number Identification System	98
DNXP	Directory Number Expansion (7 Digit)	150
DRNG	Distinctive Ringing	74
DSET	M2000 Digital Sets	88
ECCS	Enhanced Controlled Class of Service	173
EES	End-To-End Signaling	10
EMUS	Enhanced Music	119
ENS	Enhanced Night Service	133

Mnemonic	Feature Name	Number
EOVF	ACD Enhanced Overflow	178
FCC68	FCC Compliance for DID Answer Supervision	223
FCA	Forced Charge Account	52
FCBQ	Flexible Call Back Queuing	61
FCDR	New Format CDR	234
FFC	Flexible Feature Codes	139
FNP	Flexible Numbering Plan	160
FTC	Flexible Tones and Cadences	125
FTDS	Fast Tone and Digit Switch	87
GRP	Group Call	48
HIST	History File	55
HOT	Enhanced Hot Line	70
HSE	Hospitality Screen Enhancement	208
ICDR	Internal CDR	108
IDC	Incoming DID Digit Conversion	113
IEC	Inter-Exchange Carrier	149
IMS	Integrated Message System UST and UMG are part of IMS Package.	35
INTR	Intercept Treatment	11
ISDN	Integrated Services Digital Network	145
LMAN	Automatic Call Distribution Load Management (C2)	43
LNK	ACDD, Auxiliary Link Processor	51
LNR	Last Number Redial	90
LSEL	Automatic Line Selection	72
MAT	MAT 5.0	296
MCT	Malicious Call Trace	107
MPO	Multi-Party Operations	141
MSB	Make Set Busy	17
MSDL	Multipurpose Serial Data Link	222
MULTI_USER	Multi-User Login	242
MUS	Music	44
MWC	Message Waiting Center	46
NARS	Network Alternate Route Selection	58
NAS	Network Attendant Service	159
NCOS	Network Class Of Service	32

Mnemonic	Feature Name	Number
NFCR	New Flexible Code Restriction	49
NI2	North America National ISDN Class II Equipment	291
ODAS	Office Data Administration System	20
OOD	Optional Outpulsing Delay	79
OPEN ALARM	Open Alarms	315
OPTF	Optional Features	1
PBXI	1.5 Mbit Digital Trunk Interface	75
PHTN	Phantom TN	254
POVR	Priority Override/Forced Camp-On	186
PRA	International Primary Rate Access (CO)	146
PXLT	Pretranslation	92
RAN	Recorded Announcement	7
ROA	Recorded Overflow Announcement	36
SACP	Semi-Automatic Camp-On	181
SCDR	Station Activity Records	251
SCI	Station Category Indication	80
SCMP	Station Camp-On	121
SECL	Series Call	191
SNR	Stored Number Redial	64
SR	Set Relocation	53
SSAU	Station Specific Authorization Codes	229
SS5	500 Set Dial Access to Features	73
SS25	2500 Set Features	18
SSC	System Speed Call	34
SUPV	Supervisory Attendant Console	93
TAD	Time and Date	8
TBAR	Trunk Barring	132
THF	Trunk Hook Flash (Centrex)	157
TOF	Automatic Call Distribution, Timed Overflow Queuing	111
TVS	Trunk Verification from Station	110
VMBA	Voice Mailbox Administration	246
XCT0	M1 Enhanced Conference, TDS and MFS	204
XCT1	M1 Superloop Administration (LD 97)	205
XPE	Meridian 1 XPE	203

Numerical List of Packages

Listed below is a comprehensive numerical list of available packages which may be equipped on this system. For an alphabetical list of packages, see [“Alphabetical List of Packages” on page 21.](#)

Note: A list of features and services available with this system is located in the *Option 11C Compact Features and Services Guide*.

Number	Mnemonic	Name
0	BASIC	Basic Call Processing
1	OPTF	Optional Features
4	CDR	Call Detail Recording, Teletype Terminal
5	CTY	Call Detail Recording, Teletype Terminal
7	RAN	Recorded Announcement
8	TAD	Time and Date
9	DNDI	Do Not Disturb Individual
10	EES	End-to-End Signaling
11	INTR	Intercept Treatment
12	ANI	Automatic Number Identification
13	ANIR	Automatic Number Identification, Route Selection
14	BRTE	Basic Routing
16	DNDG	Do Not Disturb Group
17	MSB	Make Set Busy
18	SS25	Special Service for 2500 Sets
19	DDSP	Digit Display
20	ODAS	Office Data Administration System
21	DI	Dial Intercom
23	CHG	Charge Account for CDR

Number	Mnemonic	Name
24	CAB	Charge Account/Authorization code
25	BAUT	Basic Authorization code
28	BQUE	Basic Queuing
29	NTRF	Network Traffic must have NWK packages.
32	NCOS	Network Class of Service
33	CPRK	Call Park
34	SSC	System Speed Call
35	IMS	Integrated Message Services. UST and UMG are part of the IMS package.
36	ROA	Recorded Overflow Announcement
37	NSIG	Network Signaling
39	NSC	Network Speed Call
40	BACD	Basic Automatic Call Distribution
41	ACDB	Automatic Call Distribution, Package B
42	ACDC	Automatic Call Distribution, Package C
43	LMAN	Automatic Call Distribution, Load Management Reports
44	MUS	Music
45	ACDA	Automatic Call Distribution, Package A
46	MWC	Message Waiting Center
47	AAB	Automatic Answerback
48	GRP	Group call
49	NFCR	New Flexible Code Restriction
51	LNK	ACDD, Auxiliary Link Processor
52	FCA	Forced Charge Account
53	SR	Set Relocation
55	HIST	History File
56	AOP	Attendant Overflow Position
57	BARS	Basic Alternate Route Selection
58	NARS	Network Alternate Route Selection
59	CDP	Coordinated Dialing Plan
61	FCBQ	Flexible Call Back Queuing
63	NAUT	Network Authorization code
64	SNR	Stored Number Redial
70	HOT	Enhanced Hot Line
71	DHLD	Deluxe Hold

Number	Mnemonic	Name
72	LSEL	Automatic Line Selection
73	SS5	500 Set Dial Access to Features
74	DRNG	Distinctive Ringing
75	PBXI	1.5 Mbit Digital Trunk Interface
76	DLDN	Departmental Listed Directory Number
77	CSL	Command Status Link
79	OOD	Optional Outpulsing Delay
80	SCI	Station Category Information
81	CCOS	Controlled Class of Service
83	CDRQ	ACD CDR Queue Record
87	FTDS	Fast Tone and Digit Switch
88	DSET	M2000 Digital Sets
90	LNR	Last Number Redial
92	PXLT	Pretranslation
93	SUPV	Supervisory Console
95	CPND	Calling Party Name Display
98	DNIS	Dialed Number Identification System
107	MCT	Malicious Call Trace
108	ICDR	Internal CDR
110	TVS	Trunk Verification from Station
111	TOF	Automatic Call Distribution, Timed Overflow Queuing
113	IDC	Incoming Digit Conversion
115	DCP	Directed Call Pickup
117	CBC	Call by Call Service
118	CCDR	Calling Line Identification in Call Detail Recording
119	EMUS	Enhanced Music
121	SCMP	Station Camp-On
125	FTC	Flexible Tones and Cadences
127	BKI	Attendant Break-In/Trunk Offer
132	TBAR	Trunk Barring
133	ENS	Enhanced Night Service
139	FFC	Flexible Feature Codes
140	DCON	M2250 Attendant Console
141	MPO	Multi-Party Operations

Number	Mnemonic	Name
145	ISDN	Integrated Services Digital Network
146	PRA	International Primary Rate Access (CO)
149	IEC	Inter-Exchange Carrier
150	DNXP	DN Expansion (7 digit)
151	CDRE	CDR Expansion (7 digit)
157	THF	Trunk Hook Flash (Centrex)
160	FNP	Flexible Numbering Plan
162	SAR	Scheduled Access Restrictions
164	LAPW	Limited Access to Overlays
170	ARIE	Aries Digital Sets
173	ECCS	Enhanced Controlled Class of Service
174	AAA	Attendant Alternative Answering
178	EOVF	ACD Enhanced Overflow
179	HVS	Meridian Hospitality Voice Service
186	POVR	Priority Override/Forced Camp-On
191	SECL	Series Call
200	AINS	Automatic Installation (Option 11 only)
203	XPE	Meridian 1 XPE
204	XCT0	M1 Enhanced Conference, TDS and MFS
205	XCT1	M1 Superloop Administration (LD 97)
222	MSDL	Multi-purpose Serial Data Link
223	FCC68	FCC Compliance for DID Answer Supervision
229	SSAU	Station Specific Authorization Codes
242	MULTI_USER	Multi-User Login
243	ALRM_FILTER	Alarm Filtering
246	VMBA	Voice Mailbox Administration
247	CALL ID	Call ID (for AML applications)
251	SCDR	Station Activity Records
254	PHTN	Phantom TN
256	ADMINSET	Set Based Administration
258	ATX	Autodial Tandem Transfer
259	CDRX	Enhanced Call Detail Recording
291	NI2	North American National ISDN Class II Equipment
296	MAT	MAT 5.0

Number	Mnemonic	Name
310	CPCI	Called Party Control on Internal Calls
315	OPEN ALARM	Open Alarms

LD 01—Template audit

Templates are used to store data which is common to many telephones. This includes items such as key functions and Class of Service. The Template Audit program saves protected memory by eliminating unused or duplicate telephone templates.

LD 1 also performs the following consistency checks.

User Count Scan

All telephones in the system are scanned to find the total number of users for a template.

If a template is found to have no users, the entire template is removed with the warning message 'NO USERS FOUND'. If a template is found to have an incorrect user count, the correct user count is written to the template, and the warning message 'USER COUNT LOW' or 'USER COUNT HIGH' is output. If the user count is accurate, the message 'USER COUNT OK' is output.

Duplicate Template Scan

Each template is checked against every other template for possible duplication. A template is considered a duplicate of another if all of the following conditions are met:

- the checksums are the same
- the template lengths and the hunt offsets are the same
- all template entries are the same

If a match is found, the warning message 'DUPLICATE OF xxxx' is output. A scan is then initiated to locate all users of the current template and move them to the matched template.

For each of these users found, the template number in the telephone data block and the user count is updated. After all of the users of the current template are moved to the matched template, the current template is removed.

Template Checksum Audit

A checksum is a binary sum of the template length, hunt offset, and template entries. The checksum is calculated for each template and compared with the existing template checksum. If the existing checksum is correct, the message 'CHECKSUM OK' is output. Otherwise, the checksum is corrected with the warning message 'CHECKSUM WRONG'.

Key Lamp Strip Audit

Two checks are made to correct Key Lamp Strip (KLS) corruption. First, the template length is compared to the number of KLS indicated in the protected line block. The second check verifies that the last word of the template reflects a 'NULL' key.

If these checks detect any discrepancies, they are corrected with the warning message 'CORRUPTED KLS'.

These corrections alter the checksum of the template. This is identified and corrected by the checksum audit.

Operating parameters

Due to the Real Time impact of this program and the large amount of data being scanned, the template audit should be run during low traffic hours.

The template audit should not be aborted unless it is critically necessary. If it does become necessary to interrupt execution of the audit, be aware that the templates may be corrupted.

If a system initialization occurs during the template audit, the program is automatically aborted. It should be restarted as soon as possible after this occurs.

The audit printout only appears on the TTY that requested the template audit program run.

Template Audit cannot be run as a background task.

To confirm that extraneous templates have been removed and that all counts have been corrected to their proper value, re-run the audit program.

A datadump (LD 43) should be run after a template audit is executed.

Sample operation

The audit begins when the program (LD 1) is loaded. All templates are scanned in the following sequence, beginning with template one:

- 1 Single line telephones
- 2 Multi-line telephones

Following is an example of the system information which is generated during a Template Audit:

```
TEMPLATE AUDIT
STARTING PBX TEMPLATE SCAN
TEMPLATE 0001 USER COUNT LOW    CHECKSUM OK
TEMPLATE 0002 USER COUNT HIGH    CHECKSUM OK
TEMPLATE 0003 NO USERS FOUND
      .
      .
      .
STARTING SLI TEMPLATE SCAN
TEMPLATE 0001 USER COUNT OK    CHECKSUM OK
      .
      .
      .
TEMPLATE 0067 USER COUNT OK    CHECKSUM WRONG
TEMPLATE 0068 USER COUNT OK    CHECKSUM OK DUPLICATE
OF 0014
      .
TEMPLATE 0082 USER COUNT OK    CHECKSUM OK
      .
TEMPLATE 0120 USER COUNT OK
TEMPLATE AUDIT COMPLETE
```

Note: The report does not print out that template inconsistencies have been corrected.

LD 01

Page 34 of 848 LD 01—Template audit

LD 02—Traffic

Contents

- Basic commands
- How to use traffic commands
- Set traffic report schedules
- Set report types
- System reports
- Customer reports
- Network report
- Set customer for feature key usage measurement
- Stop printing of title, date and time
- Set traffic measurement on selected terminals
- Set blocking probability for Line Load Control (LLC)
- Set time and date
- Set daily time adjustment
- Set system ID
- Set thresholds
- Perform threshold tests on last reports
- Print last reports

Basic commands

ASUM	Print Alarm/Exception summary
ASUM A	Print all the alarms that have at least one occurrence
ASUM E	Print all the alarms that have escalated
BWTM	Set the date and time for the clock to move backward
CITM	Clear Individual Traffic Measurement from TNs
COPC C R R	Clear one or more customer report types
COPN C R R	Clear one or more network report types
COPS R R	Clear one or more system report types
FWTM	Set the date and time for the clock to move forward
IDL T 0	No title is printed unless further data is also printed
IDL T 1	The title is always printed
INVC C R R ...	Print one or more of the last customer reports
INVN C R R ...	Print one or more of the last network reports
INVS R R ...	Print one or more of last system reports
ITHC C TH	Perform threshold tests on customer reports
ITHS TH	Perform threshold tests on system reports
SCFT C	Set the customer to be measured for feature key usage
SCTL X	Set blocking probability
SDTA X X Y	Set the time of day adjustment
SDST	Enable or disable the automatic daylight savings time adjustment
SITM	Set Individual Traffic Measurement on terminals
SLLC X	Activate Line Load Control at Level X
SOPC C R R	Set one or more customer report types
SOPN C R R	Set one or more network report types
SOPS R R	Set one or more system report types
SSHC C	Set customer report schedule
SSHS	Set system report schedule
SSID SID	Change the system ID number
STAD	Set the time and date
STHC C TH TV	Set the customer thresholds

STHS TH TV	Set the system thresholds
TCFT	Print current customer being measured for feature key usage
TDST	Query the daylight savings time adjustment information
TDTA X	Print the current time of day adjustment
TITM	Print the current TNs with Individual Traffic Measurement set
TLLC	Print current LLC level and blocking probability
TOPC C	Print the current customer report types
TOPN C	Print the current network report types
TOPS	Print the current system report types
TSHC C	Print current customer report schedule
TSHS	Print current system report schedule
TSID	Print the current system ID number
TTAD	Print the current time and date
TTHC C TH	Print the current customer thresholds
TTHS TH	Print the current system thresholds

How to use traffic commands

The Traffic Control program is used to set traffic options, system ID, date and time. The conventions used to describe the traffic commands are:

- data entered by the user is shown in upper case, data output by the system is shown in lower case
- a period (.) prompt indicates that the system is ready to receive a new command
- a double dash (--) indicates that the system is ready to receive data
- a <cr> indicates that the return key should be pressed

Note: The message TFC000 output on your switch indicates that the traffic program is running.

Set traffic report schedules

To print current customer report schedule:

```
TSHC C sd sm ed em  
sh eh so  
d d ...
```

To print current system report schedule:

```
TSHS sd sm ed em  
sh eh so  
d d ...
```

To set customer report schedule:

```
SSHC C sd sm ed em -- SD SM ED EM  
sh eh so -- SH EH SO  
d d ... -- D D ...<cr>
```

To set system report schedule:
SSHS sd sm ed em -- SD SM ED EM
sh eh so -- SH EH SO
d d ... -- D D ...<cr>

Legend

C = customer number

D = day of the week:

- 1 = Sunday
- 2 = Monday
- 3 = Tuesday
- 4 = Wednesday
- 5 = Thursday
- 6 = Friday
- 7 = Saturday

ED = end day (1-31)

EH = end hour (0-23)

EM = end month (1-12)

SD = start day (1-31)

SH = start hour (0-23)

SM = start month (1-12)

SO = schedule options:

- 0 = no traffic scheduled
- 1 = hourly on the hour
- 2 = hourly on the half-hour
- 3 = every half-hour

Example

To change the system reports schedule:

```
SSHS 25 4 16 7 -- 1 10 1 12
12 21 2 -- 0 23 1
2 3 4 5 6 -- 1 7<cr>
```

Old schedule

start time: April 25 at 12 noon

end time: July 16 at 9 P.M.

frequency: hourly on the half-hour (SO = 2)

days of the week: Monday to Friday

New schedule

start time: October 1 at 12 midnight

end time: December 1 at 11 P.M.

frequency: hourly on the hour (SO = 1)

days of the week: Sunday and Saturday

Note 1: In order to obtain traffic reports at the scheduled intervals, the output device must have prompt USER = TRF in (LD 17). If TRF is not defined for any device, reports are still generated to allow the printing of the last reports.

Note 2: Half hour start and end times are not possible.

System reports

To print the current report types: TOPS r r ...

To set one or more report types: SOPS r r ... -- R R ...<cr>

To clear one or more report types: COPS r r ... -- R R ...<cr>

Legend

R is traffic report type:

1 = networks

2 = service loops

3 = dial tone delay

4 = processor load

5 = selected terminals

7 = junctor group traffic

8 = CSL and ISDN/AP links

9 = D-channel

Note 1: To use the print command enter a space (not a carriage return) after the customer number.

Note 2: If no reports are currently set, NIL is output by the system.

Customer reports

To print the current report types: TOPC C r r ...

To set one or more report types: SOPC C r r ... -- R R<cr>

To clear one or more report types: COPC C r r ... -- R R<cr>

Legend

C = customer number

R is traffic report type:

- 1 = networks
- 2 = trunks
- 3 = customer console measurements
- 4 = individual console measurement
- 5 = feature key usage
- 6 = Radio Paging
- 7 = Call Park
- 8 = messaging and auxiliary processor links
- 9 = Network Attendant Service

Note 1: To use the print command enter a space (not a carriage return) after the customer number.

Note 2: If no reports are currently set, NIL is output by the system.
For report 5, see “Set customer for feature key usage measurement”.

Network reports

To print the current report types: TOPN C r r ...

To set one or more report types: SOPN C r r ... -- R R<cr>

To clear one or more report types: `COPN C r r ... -- R R ....<cr>`

Legend

C = customer number

R is traffic report type:

1 = route list measurements

2 = network class of service measurements

3 = incoming trunk group measurements

Note 1: To use the print command enter a space (not a carriage return) after the customer number.

Note 2: If no reports are currently set, NIL is output by the system.

Set customer for feature key usage measurement

To print current customer being measured: `TCFT c`

To set the customer to be measured: `SCFT c -- C`

Note: Where C is the customer number. Only one customer can have feature measurement set at a time.

Stop printing of title, date and time

It is possible to suppress the printing of the title (TFS000), date and time in cases where traffic measurement is scheduled but no other data is printed. The command format is:

`IDLT 0,1`

0 = no title is printed unless further data is also printed

1 = the title is always printed

Set traffic measurement on selected terminals

These commands are used to print, set and clear the Individual Traffic Measurement (ITM) class of service for given terminal numbers for traffic report TFS005. Telephone sets, trunk and DTI channels can have this class of service. Terminals with ITM set are included in the groups for which Line Traffic Measurements are recorded.

Note: Do not use these commands on superloops or octal density cards.

To print the current TNs with ITM set: TITM

Example

TITM

tn 4 1	(unit on TN 4 1 has ITM set)
card 2 1	(all units on card 2 1 has ITM set)
chnl 3 18	(loop 34 channel 18 has ITM set)

To set ITM on terminals: SITM

Example

SITM	(prints current settings)
loop 05	(all units on loop 5 have ITM set)
tn 4 1	(unit on TN 4 1 has ITM set)
card 2 1	(all units on card 2 1 has ITM set)
chnl 4 18	(only loop 4 channel 18 has ITM set)
-- 8 1 1	(set ITM on all units on this card)
-- 1 1	(set ITM on this unit)
-- <cr>	(stop "--" prompt)

To clear line traffic TNs: CITM (the ITM class of service is removed from all units)

Example

```
CITM          (print current settings)
tn 4 1        (unit on TN 4 1 has ITM set)
card 1 1      (all units on card 2 1 has ITM set)
chnl 34 18    (only loop 34 channel 18 has ITM set)
-- 5          (clear ITM on all units on this loop)
-- 11 3 4 1   (clear ITM on this unit)
-- 19 1 1     (clear ITM on all units on this card)
-- 34 18      (clear ITM on this loop 34 channel 18)
-- <cr>       (stop "--" prompt)
```

To clear line traffic TNs: CITM (the ITM class of service is removed from all units)

Set blocking probability for Line Load Control (LLC)

To print current LLC level and blocking probability: TLLC

To set blocking probability: SCTL X aaa

To activate Line Load Control at level X : SLLC X

Legend

x = F, S or T (for LLC level F, S, or T)

aaa = blocking probability in %

Set time and date

To print the current time and date:

TTAD day-of-week day month year hour minute second

Example

STAD WED 24 11 1976 15 41 49

To set the time and date:

STAD DAY MONTH YEAR HOUR MINUTE SECOND

Example

STAD 24 11 1976 15 41 49

Note: Except for the year, the other entries in the time of day output are 2-digit numbers. The year may be any year from 1901 to 2099 inclusive. It may be input as a full 4-digit field or as a 2-digit short form. The 2-digit short form is assumed to be in the range 1976 to 2075 and the appropriate addition is made when calculating the day-of-week and leap years.

Set and print Daylight Savings Time

The daylight savings time adjustment can be programmed to take place automatically. You can set the date to change to daylight savings, and to return to standard time. This information can be queried at any time.

The following commands are accepted by this program for this capability. The system clock **MUST ALREADY** be set for the daylight savings time to be updated. This information survives sysload.

- FWTM = Set the date and time for the clock to move forward.
- BWTM = Set the date and time for the clock to move backward.
- SDST = Enable or disable the automatic change.
- TDST = Query the change information.

To implement these commands, use the following.

— FWTM <month> <week> <day> <hour>

month = 1-(4)-12 [January-December]

week = (1)-5, L [1st-5th, L is the last week of the month]

day = (1)-7 [Sunday-Saturday]

hour = 1-(2)-22 [Midnight-11:00 pm]

— BWTM <month> <week> <day> <hour>

month = 1-(10)-12 [January-December]

week = (1)-5, L [1st-5th, L is the last week of the month]

day = (1)-7 [Sunday-Saturday]

hour = 1-(2)-22 [Midnight-11:00 pm]

— SDST ON, (OFF)

ON enables the automatic change capability

OFF disables the automatic change capability

— TDST <CR>

The output reflects the input format to indicate the change information.

Set system ID

Each Meridian 1 system has a unique system ID number (SID) selected from 0000 to 9999. The 4-digit ID number can be printed or set by the following commands.

To print the current SID: TSID sid

To change the SID: SSID sid -- SID

Set thresholds

To print the current system thresholds: TTHS TH tv

To set the system thresholds: STHS TH tv -- TV

The system thresholds (TH) and range of values (TV) are:

1 = dial tone speed (range 0.00% to 99.9%)

2 = loop traffic (range 000 to 999 CCS)

3 = junctor group traffic (range 0000 to 9999 CCS)

To print the current customer thresholds: TTHC C TH tv

To set the customer thresholds: STHC C TH tv -- TV

Legend

The thresholds (TC) and range of values (TV) for customer C are:

- 1 = incoming matching loss (TV range 00.0% to 99.9%)
- 2 = outgoing matching loss (TV range 00.0% to 99.9%)
- 3 = average Speed of Answer (TV range 00.0 to 99.9 seconds)
- 4 = percent All Trunks Busy (TV range 00.0% to 99.9%)
- 5 = percent OHQ Overflow (TV range 00.0% to 99.9%)

Perform threshold tests on last reports

To perform threshold tests on customer reports: ITHC C TH

Legend

C = customer number

TH is the threshold type:

- 1 = incoming matching loss
- 2 = outgoing matching loss
- 3 = average speed of answer
- 4 = percent all trunks busy
- 5 = percent OHQ overflow

To perform threshold tests on system reports: ITHS TH

Legend

TH is the threshold type:

- 1 = dial tone speed
- 2 = loop traffic
- 3 = junctor group traffic

Note: When a threshold test passes, OK is output.

Print last reports

The last traffic reports can be printed or tested against threshold values. Data accumulating for the next reports is not accessible.

To print one or more of the last customer reports: INVC C R R ...

Legend

C = customer number

R is traffic report type:

- 1 = networks
- 2 = trunks
- 3 = customer console measurements
- 4 = individual console measurement
- 5 = feature key usage
- 6 = Radio Paging
- 7 = Call Park
- 8 = messaging and auxiliary processor links
- 9 = Network Attendant Service

To print one or more of the last network reports: INVN C R R ...

Legend

C = customer number

R is traffic report type:

- 1 = route list measurements
- 2 = network class of service measurements
- 3 = incoming trunk group measurements

To print one or more of last system reports: INVS R R ...

Legend

R is traffic report type:

- 1 = networks (per loop)
- 2 = services
- 3 = dial tone delay
- 4 = processor load
- 5 = selected terminals
- 7 = junctor group traffic
- 8 = CSL and ISDN/AP links
- 9 = D-channel

Print alarm and exception filter summary

Release 19 and later provide alarms status summaries in this overlay. The alarms printed by this overlay are discussed in the *x11 Software Management* NTP.

Enter any of the following commands at the dot (.) prompt.

Command	Description	Release
ASUM	Print Alarm/Exception summary	alm_filter-19
ASUM A	Print all the alarms that have at least one occurrence	alm_filter-21
ASUM E	Print all the alarms that have escalated	alm_filter-21

LD 10—Analog (500/2500) Telephone Administration

This Overlay program allows data blocks for the 500/2500, DTMF type telephones and Displayphone 1000/220 to be created or modified.

When the Overlay is loaded the available system memory and disk records are output in a header as follows:

PBX000

MARP information

MEM AVAIL: (U/P): xxxxxx USED: xxxxx TOT: xxxxxxxx

DISK RECS AVAIL: xxx

Incremental Software Management (ISM) also provides a header to indicate system configuration limits as follows:

TNS AVAIL: xxxxx USED: xxxxx TOT: xxxxx

ACD AGENTS AVAIL: xxx USED: xxx TOT: xxx

AST SET AVAIL: xxxxx USED: xxxxx TOT: xxxxx

Inputting one asterisk will cause the system to reissue the last prompt, and two asterisks will cause a restart of the Overlay at REQ.

Overlay programs 10, 11, 20 and 32 are linked thus eliminating the need to exit one Overlay and enter another. Once one of the above Overlays has been loaded it is possible to add, print and get the status of a set without having to exit one Overlay and load another.

The input processing has also been enhanced. Prompts ending with a colon (:) allow the user to enter either:

- 1 a question mark (?) followed by a carriage return (<cr>) to get a list of valid responses to that prompt or
 - 2 an abbreviated response. The system then responds with the nearest match. If there is more than one possible match the system responds with SCH0099 and the input followed by a question mark and a list of possible responses. The user can then enter the valid response.
-

Prompts and responses

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Prompts and responses

Prompt	Response	Comment
REQ:	a...a	Request
TYPE:	a...a	Type of data block (TYPE responses begin on page 80)
CFTN	c u	Copy From Terminal Number (c u ranges are defined on page 79)
SFMT	a...a	Select format for copy command (a...a = TNDN, TN, DN, or AUTO)
TN	c u	Terminal Number (c u ranges are defined on page 79)
DELETE_VMB	(YES) NO	Delete Voice Mailbox
ECHG	(NO) YES	Easy Change
- ITEM	aaaa yyy	Item (aaaa = Program mnemonic ; yyy = its new value)
TOTN	c u	To Terminal Number (c u ranges are defined on page 79)
CDEN	aa	Card Density (aa = SD, DD, 4D, or 8D)
DES	d...d	Office Data Administration System Station Designator
CUST	(0)	Customer number
DIG	0-2045 0-99	Dial Intercom Group number and Member number

LD 10

DN	x...x yyy	Directory Number and CLID entry (Range is (0)-value entered for SIZE prompt in LD 15 minus one)
- MARP	(NO) YES	Multiple Appearance Redirection Prime
- CPND	aaa	Calling Party Name Display
- - CPND_LANG	aaa	Calling Party Name Display Language (aa = (ROM) or KAT)
- - NAME	aaaa,bbbb	Calling Party Name Display Name
- - XPLN	xx	Expected name length
- DISPLAY_FMT	aaaa,bbbb	Display Format for Calling Party Name Display
-VMB	aaa	Voice Mailbox (aaa = NEW, CHG, or OUT)
- - VMB_COS	0-127	Voice Mailbox Class Of Service
- - SECOND_DN	x...x	Second DN sharing the Voice Mailbox
- - THIRD_DN	x...x	Third DN sharing the Voice Mailbox
- - KEEP_MSGS	(NO) YES	Preserve Meridian Mail messages and current password
AST	(NO) YES	Associate Set assignment
IAPG	(0)-15	Meridian Link Unsolicited Status Message (USM) group
HUNT	x...x	Hunt DN of the next station in the Hunt chain
TGAR	0-(1)- 31	Trunk Group Access Restriction
LDN	a...a	Departmental Listed DN (a...a = (NO), 0-3, or 0-5)
NCOS	(0)-99	Network Class Of Service group number
RNPG	(0)-4095	Ringing Number Pickup Group
XLST	(0)-254	Pretranslation group with which this station is associated
SCPW	xxxx	Station Control Password
SGRP	(0)-999	Scheduled Access Restriction group number
WRLS	(NO) YES	TN corresponds to a portable personal telephone
CLS	a...a	Class of Service options (CLS responses begin on page 60)
MAUT	(NO) YES	Modify assigned authorization codes for this telephone
- SPWD	xxxx	Secure data password
- AUTH	n xxxx	Authorization code
RCO	(0)-2	Ringing cycle option for Call Forward No Answer
DCLP	0-159	Dealer Conference Loop
LNRS	4-(16)-31	Last Number Redial Size
TEN	1-51	Tenant Number
OHID	(0)-9	Off-Hook Alarm Security DN index
PLEV	0-(2)-7	Priority Level
SCI	(0)-7	Station Category Indication priority level
FCAR	(NO) YES	Forced Charge Account Restriction

LANG	(0)-5	Language choice for Automatic Wake Up service
MLWU_LANG	(0)-5	Language choice for Automatic Wake Up service
PLEV	0-(2)-7	Priority Level
SPID	x...x	Supervisor Position ID
PRI	(1)-48	Priority level for ACD Agent
AACD	(NO) YES	AST ACD telephone
ARTO	(0)-3	Alternate Redirection Time Option for call redirection
FTR	a...a x...x	Feature name and related data (FTR responses begin on page 69)

Prompts and responses by task

Add a telephone

Prompt	Response	Comment
REQ:	NEW 1-255	Request = NEW 1-255
TYPE:	a...a	Type of data block (TYPE responses begin on page 80)
TN	c u	Terminal Number (c u ranges are defined for TN on page 79)
CDEN	aa	Card Density (aa = SD, DD, 4D, or 8D)
DES	d...d	Office Data Administration System Station Designator
CUST	(0)	Customer number
DIG	0-2045 0-99	Dial Intercom Group number and Member number
DN	x...x yyy	Directory Number and CLID entry (Range is (0)-value entered for SIZE prompt in LD 15 minus one)
- MARP	(NO) YES	Multiple Appearance Redirection Prime
- CPND	aaa	Calling Party Name Display
- - CPND_LAN	aaa	Calling Party Name Display Language (aaa = (ROM) or KAT)
- - NAME	aaaa,bbbb	Calling Party Name Display Name
- - XPLN	xx	Expected name length
- DISPLAY_FMT	aaaa,bbbb	Display Format for Calling Party Name Display
- VMB	aaa	Voice Mailbox (aaa = NEW, CHG or OUT)
- - VMB_COS	0-127	Voice Mailbox Class Of Service
- - SECOND_DN	x...x	Second DN sharing the Voice Mailbox
- - THIRD_DN	x...x	Third DN sharing the Voice Mailbox
- - KEEP_MSGS	(NO) YES	Preserve Meridian Mail messages and current password
AST	(NO) YES	Associate Set assignment
IAPG	(0)-15	Meridian Link Unsolicited Status Message (USM) group
HUNT	x...x	Hunt DN of the next station in the Hunt chain
TGAR	0-(1)- 31	Trunk Group Access Restriction
LDN	aaa	Departmental Listed DN (aaa = (NO), 0-3, or 0-5)
NCOS	(0)-99	Network Class of Service group number
RNPG	(0)-4095	Ringing Number Pickup Group
XLST	(0)-254	Pretranslation group with which this station is associated

SCPW	xxxx	Station Control Password
SGRP	(0)-999	Scheduled Access Restriction Group number
WRLS	(NO) YES	TN corresponds to a portable personal telephone
CLS	a...a	Class of Service options (CLS options begin on page 60)
MAUT	(NO) YES	Modify assigned authorization codes for this telephone
- SPWD	xxxx	Secure Data Password
- AUTH	n xxxx	Authorization code
RCO	(0)-2	Ringing Cycle Option for Call Forward No Answer
DCLP	0-159	Dealer Conference Loop
LNRS	4-(16)-31	Last Number Redial Size
TEN	1-51	Tenant Number
OHID	(0)-9	Off-Hook Alarm Security DN index
SCI	(0)-7	Station Category Indication priority level
FCAR	(NO) YES	Forced Charge Account Restriction
LANG	(0)-5	Language choice for Automatic Wake Up service
MLWU_LANG	(0)-5	Language choice for Automatic Wake Up service
PLEV	0-(2)-7	Priority Level
SPID	x...x	Supervisor Position ID
PRI	(1)-48	Priority level for ACD Agent
AACD	(NO) YES	AST ACD telephone
ARTO	(0)-3	Alternate Redirection Time Option for call redirection
FTR	a...a x...x	Feature name and related data (FTR options begin on page 69)

Copy a set

Prompt	Response	Comment
REQ:	CPY 1-32	Request = CPY x
TYPE:	a...a	Type of data block
CFTN	c u	Copy from Terminal Number (c u ranges are defined on page 79)
SFMT	aaaa	Select Format. You may respond to SFMT with: AUTO, TNDN, TN or DN. Subprompts follow each of these responses as follows:
	AUTO	The system provides the new TNs, DN and ACD position ID for ACD telephones are provided by the system.
- TN	c u	TN of new set (c u ranges are defined on page 79)
- DN	x...x	DN of new set
- POS	xxxx	ACD position ID
	TNDN	Manual selection of TNs, DN and ACD position IDs for ACD telephones. TN, DN and are prompted -n- times as defined by the CPY command.
- TN	c u	TN of new set (c u ranges are defined on page 79)
- DN	x...x	DN of new set
- POS	xxxx	ACD position ID
	TN	New DN and ACD position IDs for ACD telephones are provided by the system. TN is prompted -n- times as defined in the CPY command.
- DN	x...x	DN of new set
- POS	xxxx	ACD position ID
- TN	c u	TN of new set (c u ranges are defined on page 79)
	DN	The new TNs are provided by the system. You are prompted for the starting TN and each DN and ACD position ID for ACD telephones. DN and/or POS are prompted n times as defined in the CPY command.
- TN	c u	TN of new set (c u ranges are defined on page 79)
- DN	x...x	DN of new set
- POS	xxxx	ACD position ID

Easy change

Prompt	Response	Comment
REQ:	CHG	Request = CHG
TYPE:	a...a	Type of data block
TN	c u	Terminal Number (c u ranges are defined on page 79)
ECHG	YES	Easy Change
ITEM	aaaa yyy	Item (aaaa = Program mnemonic ; yyy = its new value)

Remove a telephone

When removing more than one telephone at a time, you are prompted for the starting TN. The next consecutive assigned TNs are removed.

Prompt	Response	Comment
REQ:	OUT 1-32	Request = OUT x
TYPE:	a...a	Type of data block
TN	c u	Terminal Number (c u ranges are defined on page 79)
DELETE_VMB	(YES) NO	Delete Voice Mailbox

Move a telephone

Telephones with mixed directory numbers can only be moved to a TN on the same loop unless the prompt MLDN = YES in LD 17.

Prompt	Response	Comment
REQ:	MOV	Request = MOV
TYPE:	a...a	Type of data block
TN	c u	Terminal Number (c u ranges are defined on page 79)
TOTN	c u	To Terminal Number

Alphabetical list of prompts

Prompt	Response	Comment
AACD	(NO) YES	Associate set (AST) ACD telephone
ARTO	(0)-3	Alternate Redirection Time Option for call redirection, defined in the customer data block. Prompted if CLS = RTDA.
AST	(NO) YES	Associate Set assignment For sets associated with ISDN Applications Protocol features.
AUTH	n xxxx	Authorization code. Where: • n = number (1-6) of assigned authorization code • xxxx = assigned authorization code (Any customer authorization code assigned in LD 88 is valid.) AUTH is prompted when CLS = AUTR (Class of Service = Authorization code required).
CAC	(0)-10	Category code Category Code range for outgoing CNI of MFC trunks when Multifrequency Compelled Signaling (MFC) package 128 is equipped.
CDEN	SD DD 4D 8D	Single Density Card Double Density Card Quadruple Density Card Octal Density Card If REQ=NEW and the loop is a superloop, the default is 4D. If REQ=NEW and the XOPS card is to be configured on the loop, set CDEN to DD. If REQ=CHG, the card density is not changed.
CFTN	c u	Copy From Terminal Number. Prompted if REQ = CPY. For Meridian: c u = card, unit Use this TN as a template for the new sets. Associate set (AST) assignments are not copied to the new telephones.
CLS		Class of Service options The following CLS assignments determine the calling options and features available to an analog telephone. Defaults are shown in parentheses. Enter each non-default option required, separated by a space.

Prompt	Response	Comment
		Access Restrictions
(CTD)		Conditionally Toll Denied
CUN		Conditionally Unrestricted
FR1		Fully Restricted class 1
FR2		Fully Restricted class 2
FRE		Fully Restricted
SRE		Semi-Restricted
TLD		Toll Denied
UNR		Unrestricted
(ABDD)		Abandoned call record and time to answer denied
ABDA		Abandoned call record and time to answer allowed
(AGTD)		ACD services for 500/2500 type telephone sets denied
AGTA		ACD services for 500/2500 type telephone sets allowed
		An AGTA entry will not be validated if you do not define FEAT = ACD in the same pass through this overlay.
(ARHD)		Audible Reminder of Held Call Denied
ARHA		Audible Reminder of Held Call Allowed
(ASCD)		Alarm Security Denied
ASCA		Alarm Security Allowed
		Mutually exclusive with Three-Party Service Allowed (TSA)
(AUTU)		Unrestricted Authcode
AUTD		Denied Authcode
AUTR		Restricted Authcode
		When the CLS is changed from AUTR to either AUTU or AUTD, all previous telephone authorization code information is removed. Must have Station Specific Authorization Codes (SSAU) package 229.
(BNRD)		Busy Number Redial Denied
BNRA		Busy Number Redial Allowed
		Must have ADL configured and Flexible Feature Codes (FFC) package 139.
(C6D)		Six-Party Conference Denied
C6A		Six-Party Conference Allowed
		C6A requires Transfer Allowed (XFA) Class of Service.

LD 10

Prompt	Response	Comment
(CCSD) CCSA	Controlled Class of Service Denied Controlled Class of Service Allowed	CCSA is required for the Electronic Lock feature. See the Flexible Feature Codes section in the <i>X11 features and services</i> NTP. Must have Controlled Class of Service (CCOS) package 81.
(CDMD) CDMA	CDMD denies record generation CDMA allows external station activity records to be generated for the set	
(CFHD) CFHA	Call Forward/HUNT Override Denied Call Forward/HUNT Override Allowed	
(CFTD) CFTA	Call Forward by Call Type Denied Call Forward by Call Type Allowed Call Forward by Call Type enhances Hunt and Call Forward No Answer. CFTA requires Hunting Allowed (HTA) and/or Call Forward Allowed (FNA) Class of Service.	
(CFXD) CFXA	Call Forward All Calls to external DN Denied Call Forward All Calls to external DN Allowed	Examples of external DNs are: • Route Access Code • ESN Access Code • CDP Distant Steering Code When Denied, a call can only be forwarded to the following internal DNs: • Single or multi-line telephone • Attendant DN or CAS local attendant DN • Listed DN as defined in LD 15 • Message center DN where MWC = YES
(CLBD) CLBA	Deactivate Calling Party Number and Name per-line blocking Activate Calling Party Number and Name per-line blocking The user may still request CPP by dialing the CPP code.	
(CLTD) CLTA	Network Call Trace from this telephone Denied Network Call Trace from this telephone Allowed	

Prompt	Response	Comment
(CNDD)	Call Number Display Denied	
CNDA	Call Number Display Allowed	
		Allows user to see calling or called name associated with the number dialed if CPND is set up for the customer associated with the portable personal telephone. Allowed if WRLS = YES.
(CNID)	Call Number Information Denied	
CNIA	Call Number Information Allowed	
(CWD)	Call Waiting Denied	
CWA	Call Waiting Allowed	
		The telephone should also have CLS = HTD (Hunting Denied) since hunting takes precedence.
(CWND)	Call Waiting Notification Denied	
CWNA	Call Waiting Notification Allowed	
		Must have Call Waiting Notification (CWNT) package 225.
(DDGA)	DN display on other set Allowed	
DDGD	DN display on other set Denied	
(DTN)	Digitone. DTN is used for 2500, UNITY and digitone telephones.	
DIP	Dial Pulse. DIP is used for 500, rotary and dial pulse telephones. .	
MNL	Manual service. MNL is used for manual service to the attendant and Flexible Hot Line	
(DPUD)	DN Pickup Denied	
DPUA	DN Pickup Allowed	
		DN Pickup is not allowed on telephones in group zero (RNPG = 0). Must have Directed Call Pickup (DCP) package 115.
(EHTD)	Enhanced Hot Line Denied	
EHTA	Enhanced Hot Line Allowed	
		Cannot be assigned with LLC1, LLC2, LLC3, LNA, MNL or Permanent Hold feature.
(FAXD)	Fax denied	
FAXA	Fax allowed. ISDN call is generated with 3.1 KHz Bearer Capability. Set is a modem or a FAX machine.	
(FND)	Call Forward No answer Denied	
FNA	Call Forward No answer Allowed	

LD 10

Prompt	Response	Comment
(GPUD) GPIUA	Group Pickup Denied Group Pickup Allowed	Group Pickup is not allowed on telephones in group zero. Must have Directed Call Pickup (DCP) package 115.
(HTD) HTA	Hunting Denied Hunting Allowed	
(LDTD) LDTA	Line Disconnect Tone Denied Line Disconnect Tone Allowed	
(LLCN) LLC1 LLC2 LLC3	Line Load Control off Line Load Control Class 1 Line Load Control Class 2 Line Load Control Class 3	
(LND) LNA	Last Number Redial Denied Last Number Redial Allowed	Must have OPT = LRA in LD 15
(LPD) LPA	Message Waiting Lamp Denied Message Waiting Lamp Allowed	If a modem is connected to a port on the message waiting line card, that port should be defined as LPD. With LPA the modem may be damaged by the message waiting lamp voltage 150 V.
(LPR) HPR	Low Priority station High Priority station	High Priority will place this set or trunk at the top of the dial tone queue.
(MBXD) MBXA	Multi-Party Operation (MPO) Blind Transfer Denied. When CLS = MBXD, blind transfers occur with mis-operation treatment. Multi-Party Operation (MPO) Blind Transfer Allowed. When CLS = MBXA, blind transfers occur without mis-operation treatment.	To configure CLS = MBXA, CLS must first be defined as TSA or XFA. Multi-Party Operations (MPO) package 141 must be equipped to enter MBXD or MBXA.
(MCRD) MCRA	Multiple Call Arrangement Denied Multiple Call Arrangement Allowed	

Prompt	Response	Comment
(MCTD) MCTA	Malicious Call Trace signal Denied Malicious Call Trace signal Allowed	MCT is applied on a TN basis.
(MRD) MRA	Message Registration Denied Message Registration Allowed	
(MWD) MWA	Message Waiting Denied Message Waiting Allowed	
(NAMA) NAMD	Name display Allowed Name display Denied	
(OCBD) OCBA	Outgoing Call Barring Denied Outgoing Call Barring Allowed	Must have FFC and NFCR packages.
OPS ONS	Off-Premises Station (default if CDEN is DD) On-Premises Station (default for all others)	
(OVDD) OVDA	Override Denied Override Allowed	Must have Flexible Feature Codes (FFC) package 139
(PGND) PGNA	Deny PAGENET access Allow PAGENET access	PGND/A allowed if PAGENET package 307 is equipped.
(PUD) PUA	Call Pickup Denied Call Pickup Allowed	Default changes to PUA if Ringing Number Pickup Group (RNPG) is defined. Call Pickup is not allowed on telephones in group zero or RNPG = 0.
(RTDD) RTDA	Call Redirection by Time of day denied Call Redirection by Time of day allowed	If CLS = RTDD, AFD/AHNT/AEFD/AEHT will be removed, and ARTO will be reset to zero.
(SFD) SFA	Second Level CFNA Denied Second Level CFNA Allowed	In Release 15 and later, SFA only requires FNA Class of Service.

LD 10

Prompt	Response	Comment
(SHL) LOL	Short line Class of Service Long line Class of Service (default if CLS = OPS)	Enter ALC Loss Plan Class of Service to be used for determining the Loss Plan Classification for this unit. If neither SHL or LOL is specified for a NEW unit, then SHL will be set as the default.
(SMSD) SMSA	Standalone Mail Server Denied Standalone Mail Server Allowed	
(SPKD) SPKA	Speaker Denied Speaker Allowed	Must have On-Hold on Loudspeaker (OHOL) package 196.
(SWD) SWA	Station-to-Station Call Waiting Denied Station-to-Station Call Waiting Allowed	Enhances Call Waiting Allowed. Must have CLS = CWA. Must also have CLS = HTD, because hunting takes precedence over Station-to-Station Call Waiting.
(TENA) TEND	Tenant Service Allowed Tenant Service Denied	Multi-Tenant must be configured in LD 93 before the default is TENA.
(THFD) THFA	Centrex Trunk Switch Hook Flash on this set denied Centrex Trunk Switch Hook Flash on this set allowed	
TSA	Three-Party Service allowed	TSA is mutually exclusive with ASCA and XFA. If TSA is requested and XFA is currently set, then XFA will be changed to XFD.
(TVD) TVA	Trunk Verification from station Denied Trunk Verification from station Allowed	
(ULAD) ULAA	Set Based Administration User Access Denied Set Based Administration User Access Allowed	
(USMD) USMA	Meridian 911 position Denied Meridian 911 position Allowed	Must have Meridian 911 (M911) package 224
(USRD) USRA	User Selectable Call Redirection Denied User Selectable Call Redirection Allowed	

Prompt	Response	Comment
	(WTA)	Warning Tone Allowed
	WTD	Warning Tone Denied
	(XFD)	Call Transfer Denied
	XFA	Call Transfer Allowed
	XFR	Call Transfer Restricted
		TSA is mutually exclusive with XFA. If TSA is requested and XFA is currently set, then XFA will be changed to XFD. The most recently entered CLS overwrites the prior CLS of the same category. Note that one can specify XFR instead of XFD.
	(XHD)	Exclusive Hold Denied
	XHA	Exclusive Hold Allowed
	(XRD)	Ring Again Denied
	XRA	Ring Again Allowed
		Must have CLS= XFA. RANA may be activated if OPT = RNA in LD 15. When OPT = RND in LD 15, all sets with CLS = XRA will be able to activate only Ring Again Busy.
CPND		Calling Party Name Display
	NEW	Add data block
	CHG	Change existing data block
	OUT	Remove existing data block
		Must have CPND data block defined in LD 95.
CPND_LANG		Calling Party Name Display Language
	(ROM)	Roman
	KAT	Katakana
		CPND_LANG applies when FTR = CPND. CPND_LANG appears only when Multi-Language I/O (MLIO) package 211 is equipped.
CUST	(0)	Customer number
DCLP	0-159	Dealer Conference Loop
		DCLP input defines the conference loop assigned to the unit. The loop should be in the same group as the unit.

LD 10

Prompt	Response	Comment
DELETE_VMB		Delete Voice Mailbox
	(YES)	Remove the Voice Mailbox from the Meridian 1 and Meridian Mail
	NO	Remove the Voice Mailbox from the Meridian 1
		Prompted if REQ = OUT and TN has an associated Voice Mailbox.
		Allowed if the DN is either a single appearance or a multiple appearance DN on a single TN.
DES	d...d	ODAS Station Designator
		Enter a 1- 6 alphanumeric character representing an Office Data Administration System (ODAS) Station Designator
DIG	0-2045 0-99	Dial Intercom Group (DIG) number and Dial Intercom Member (DIM) numbers.
		The value entered for the member number cannot be equal to the SPRE code. In the case of double-digit values, the first digit cannot be the same as the SPRE code. For example, if SPRE = 1, the member number cannot be 10, 11...19.
		Single line telephones assigned as Dial Intercom sets can only make calls within their own dial intercom groups. No DN can be assigned to them.
		If any member in the group has a two digit member number, all members have a two digit number. The system enters leading zeros.
		Must have maximum number of Dial Intercom Groups (DGRP) defined in LD 15.
DISPLAY_FMT		Display Format for CPND name
	(FIRST, LAST)	May be input as FIRST
		To view names as John Doe
	LAST, FIRST	May be input as Last
		To view names as Doe John
DN	x...x yyy	Directory Number (x...x) and CLID entry (yyy)
		The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. DN is not prompted if DIG is defined. Range for CLID entry is: [(0) - (value entered for SIZE prompt in LD 15 minus 1)]

Prompt	Response	Comment
		If the new DN entered already exists, one of the following messages will be output when the TNB is updated: • MIX (DN entered already appears on another set) • PVR (DN is a Private Line number) • HNT (DN exists and is defined as Hunting Allowed) • FNA (DN exists and has Forward No Answer) Before the DN can be modified, the station DN must be removed from all Group Hunt lists in which it is a member.
ECHG	(NO) YES	Easy Change. Prompted when REQ = CHG. This allows change to any prompt in this program without toggling through all the prompts.
FCAR	(NO) YES	Forced Charge Account Must use Forced Charge Account Restrict from using Forced Charge Account Prompted if FCAF = YES in LD 15 and CLS = TLD, CUN or CTD. TLD is recommended.
FTR		Enter the feature name and related data. Precede feature mnemonic with X to remove it from the allowed features for the telephone. Prompted with Special Service for 2500 sets (SS25) package 18.
	ACD x...x yyyy	The ACD DN and the ACD position (POS ID) The ACD queue must be set in LD 23. ACD can be up to 4 digits; up to 7 digits with Directory Number Expansion (DNXP) package 150. An ACD entry is only allowed if you have already defined CLS = AGTA in the same pass through this overlay.
	ADL nn x..x	Auto Dial Auto Dial cannot be configured if Hot Line is defined. nn = number of digits, up to 31 maximum in Auto Dial DN x..x = Auto Dial DN Auto Dial is required for BNRA. Must have Flexible Feature Codes (FFC) package 139.
	AEFD y...y	Alternate External Flexible Call Forward DN, up to 13 digits. Remove by setting CLS = RTDD or CFTD. Where yyyy = Alternate Redirection DN.

LD 10

Prompt	Response	Comment
AEHT y...y		Alternate External Hunt DN, up to 13 digits. Remove by setting CLS = RTDD or CFTD. Where yyyy = Alternate Redirection DN.
AFD y...y		Alternate Flexible Call Forward DN, up to 13 digits. Remove by setting CLS = RTDD. Where yyyy = Alternate Redirection DN.
AHNT y...y		Alternate Hunt DN, up to 13 digits. Remove by setting CLS = RTDD. Where yyyy = Alternate Redirection DN.
CFW nn x...x		Call Forward all calls Valid entries are any integer in the range of (4)-31. Where: nn = maximum number of digits in the CFW DN; it must be large enough to hold the customer Reply DN. Where: x...x = Call Forward DN If the Enhanced System Access feature is configured, valid entries are 4, 8, 12, (16), 20, 24, 28, 31. Numbers between 4 and 31 are rounded up to the next valid number. If the Enhanced System Access feature is not configured , you may input any integer in the range of (4)-23.
DCFW nn x...x		Default Call Forward Where: nn = maximum number of digits in the DCFW DN. Valid entries for nn are: 4, 8, 12, 16, 20, 24, 28, 31. Where: x...x = Default Call Forward DN.
EFD x...x		External Flexible call forward DN (a Group Hunt pilot DN can be entered) This is the DN to which external no answer calls are routed when Class of Service is Call Forward by Call Type allowed (CLS = CFTA). Must also have CLS = FNA.

Prompt	Response	Comment
		EFD is only used if one of the following customer options are defined in LD 15: • FNAD = FDN • FNAT = FDN • FNAL = FDN Listed DNs, Departmental Listed DNs and prime DNs are accepted as valid input. EFD can be up to 13 digits.
EHT x...x	External Hunt DN	This is the DN to which external busy calls Hunt when Class of Service is Call Forward by Call Type allowed (CLS = CFTA). Must also have CLS = HTA. Listed DNs, Departmental Listed DNs and prime DNs are accepted as valid input. A Group Hunt pilot DN can be entered with up to: • 4 digits without DNXF package 150 • 7 digits with DNXF package 150 • 13 digits for Network Call Redirection
FAXS x...x	Facsimile server and command sequence	The command sequence includes the following: • Wx = waiting time of 0 to 9 seconds • Cxxx = control command digits • Oxxxx = originating or designated fax DN • D = the called fax DN For HiMail server, if the designated fax DN is 1234: FTR FAXS W6 O1234 C#10* D C## W4, or FTR FAXS W6 O1234 C#20* D C## W4 For Phi-Net server, if the designated fax DN is 1234: FTR FAXS W4 C30 O1234 C*0 D C# The facsimile server TNs must have Digitone (DTN) Class of Service and cannot have FNA, CWA, or FBA Class of Service, or FTR CFW feature. Use the HUNT feature to define the DN of the next port on the facsimile server.

LD 10

Prompt	Response	Comment
F DN x...x	Flexible Call Forward No Answer The DN cannot be an LDN A Group Hunt pilot DN can be entered of up to: • 4 digits without DNXP package 150 • 7 digits with DNXP package 150 • 13 digits for Network Call Redirection FDN is used for internal calls, if CLS is CFTA and FNA. FDN is used for all calls if CLS is CFTD and FNA. FDN requires that CLS = MWA or FNA. FDN is only used if one or more of the following customer options are defined in LD 15: • FNAD = FDN • FNAT = FDN • FNAL = FDN	
HOT D nn x...x	Direct entry for one way Enhanced Hot Line. Where: • nn = up to 31 digits maximum in Target DN • x...x = Terminating DN CLS = EHTA and DIP or DTN.	
HOT D nn x...x yyyy	Direct entry for two way Enhanced Hot Line. Where: • nn = up to 31 digits maximum in Target DN • x...x = Terminating DN • yyyy = optional two way Hot Line DN. This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. CLS = EHTA and DIP or DTN.	
HOT nn x..x	Flexible Hot Line. Where: nn = up to 31 digits maximum in Target DN and x..x = Terminating DN. Flexible Hot Line requires that CLS = MNL.	

Prompt	Response	Comment
HOT L bbb	One way list entry for Enhanced Hot Line Where: bbb = list entry position from Hot Line list in LD 18. The Hot Line list NCOS overrides the set NCOS. Enhanced Hot Line requires CLS = EHTA, LLCN, PHTD and DIP or DTN. To remove Hot Line DN, change CLS EHTA to EHTD. Hot Line DNs can be programmed with * as operands only if OPAO is enabled.	
HOT L bbb x...x	Two way list entry for Enhanced Hot Line. Where: • bbb = list entry position • xxxx = optional two way Hot Line DN. This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Enhanced Hot Line requires CLS = EHTA, LLCN, PHTD and DIP or DTN. To remove Hot Line DN, change CLS EHTA to EHTD. Hot Line DNs can be programmed with * as operands only if OPAO is enabled.	
ICF x...x	Internal Call Forward and Forward DN length. Valid entries for x...x are: any integer in the range of (4)-31.	
ISP 1-(75)-255	Enable hook flash disconnect supervision with flash timer in 10 milliseconds units. If the numeric parameter is not entered and the saved value is null, it is defaulted to 75 (750 ms). Otherwise, it does not change.	
XISP	Disable hook flash disconnect supervision.	
OSP (1)	Enable battery reversal answer and disconnect supervision for outgoing calls with absolute and assumed answer indication.	
OSP 2	Enable battery reversal answer and disconnect supervision for outgoing calls with absolute answer indication only. If the numeric parameter is not entered and the saved value is null, it is defaulted to 1. Otherwise, it does not change.	
XOSP	Disable battery reversal answer and disconnect supervision	

LD 10

Prompt	Response	Comment
	PHD	Permanent Hold. Allowed with CLS = XFA.
	RDL nn	Stored Number Redial Where: nn = DN length 4, 8, 12, (16), 24, 28, 31. Numbers between 5 and 30 are rounded up to the next valid number. Allowed with CLS = XFA.
	SCC 0-8190	Speed Call Controller list number The speed call list must be defined in LD 18.
	SCU 0-8190	Speed Call User list number The speed call list must be defined in LD 18.
	SSU 0-4095	System Speed call User list number The speed call list must be defined in LD 18.
HUNT	x...x	Hunt DN of the next station in the Hunt chain A Group Hunt pilot DN can be entered of up to: • 4 digits without DNXP package 150 • 7 digits with DNXP package 150 • 13 digits with Release 14 and later Precede with X to remove. With Call Forward and Hunt by Call Type, this is the Hunt DN for: • internal calls if CLS = CFTA, or • all busy calls if CLS = CFTD A Control directory number (CDN) can be defined as a Hunt DN for both physical and phantom 500/2500 sets. When a CDN is configured in this way, a call which comes to a busy DN can be Hunting or Call Forward Busy to a CDN.
IAPG	(0)-15	Meridian Link Unsolicited Status Message (USM) group Assign Associate (AST) telephones to an USM group defined in LD 15. These groups determine which status messages are sent to the host computer for an AST telephone. The default Group 0 sends no messages, while Group 1 sends all messages.

Prompt	Response	Comment
ITEM	aaaa yyy	Change any prompt Respond with the desired program mnemonic (aaaa) and its new value (yyy). ITEM is reprompted until only a carriage return <cr> is entered.
KEEP_MSGS	(NO) YES	Keep Messages Preserve Meridian Mail messages and current password
LDN	(NO) 0-5	Departmental Listed Directory Number is not activated for this set Departmental Listed Directory Number (LDN) as defined in LD 15.
LNRS	4-(16)-31	Last Number Redial Size Enter the maximum number of digits that can be stored. Valid entries are 4, 8, 12, (16), 24, 28, 31. Invalid entries are rounded up to the next valid entry. Prompted if CLS = LNA.
MARP	(NO) YES	Multiple Appearance Redirection Prime Use TN as the Multiple Appearance DN Redirection Prime. The MARP prompt, or MARP information, is given only when assigning a DN.
MAUT	(NO) YES	Modify assigned authorization codes for this telephone Prompted with Station Specific Authorization Codes (SSAU) package 229 and CLS = AUTR.
MLWU_LANG		Language choice for Automatic Wake Up service. Prompted with Multi-Language Wake Up (MLWU) package 206. This entry defines the language presented for the Automatic Wake Up recorded announcement (RAN) for language 0 through 5 as follows:
	(0)	See RAN1/RAN2 in LD 15
	1	See LA11/LA12 in LD 15
	2	See LA21/LA22 in LD 15
	3	See LA31/LA32 in LD 15
	4	See LA41/LA42 in LD 15
	5	See LA51/LA52 in LD 15
	X	Remove entry

LD 10

Prompt	Response	Comment
NAME	aaaa,bbbb	Calling Party Name Display Name First name comma Last name. For example, John Doe is entered as John,Doe. The first single comma is treated as the delimiter. Up to 27 characters (including the comma) may be input. The last occurrence of the first comma group serves as the name delimiter and is translated into a space between the first and last name.
	aaaa	When the delimiter is omitted, the input is stored as a first name.
	aaaa,	When the delimiter follows the input, the input is stored as the first name.
	,bbbb	When the delimiter precedes the input, the input is stored as a last name.
NCOS	(0)-99	Network Class of Service group number.
OHID	(0)-9	Off-Hook Alarm Security DN index Enter the index number 0- 9 of the DN defined by LD 15 prompt ODNx. When a dial tone or interdigit timeout occurs on a set with Alarm Security Allowed (ASCA) Class of Service, the set is intercepted to a predefined DN.
PLEV	0-(2)-7	Priority Level Where: 2 = set can override sets of level 1 and 2, and can be overridden by sets of level 2 - 7. Prompted with Priority Override/ Forced Camp-On (POVR) package 186.
POS	xxxx	ACD position ID. Prompted when SFMT = AUTO, TNDN, TN or DN.
PRI	(1)-32	Priority level for ACD Agent. Valid range. The agent with the lowest number assigned has the highest priority and is the first ACD agent to receive calls. (Priority 1 has the highest priority level) PRI is prompted if Automatic Call Distribution, Priority Agent package 116 is equipped and CLS = AGTA.
RCO	(0)-2	Ringling cycle option for Call Forward No Answer Prompted when CLS = FNA or MWA (or both).

Prompt	Response	Comment
REQ:		Request A colon following a prompt indicates enhanced processing. Enhanced processing allows a user to either view a list of possible responses or input an abbreviated response.
	?	To get a list of valid responses
	CHG	Change existing data block
	CPY n	Copy or create 1 to 32 new station data block or blocks automatically from the specified station data block.
	END	Exit Overlay program
	MOV	Move data block from one TN to another
	NEW X	Add new data block or blocks Follow NEW with a value of 1- 255 to create that number of consecutive telephone data block or blocks.
	OUT X	Remove data block or blocks Follow OUT with a value of 1- 255 to remove that number of consecutive telephones.
This load is linked with LDs 11, 20 and 32. You may enter one of the responses listed below at the REQ: prompt. Then go to that Load and follow its Prompts and Responses sequence.		
LD 32: CDSP CMIN CONV CPWD DISC DISI DISL DISN DISS DISU DSCT DSPS DSXP ENCT ENLC ENLG ENLL ENLN ENLS ENLU ENPS ENXP IDC IDCS IDU LBSY LDIS LIDL LMNT PBXT SDLC STAT SUPL TRK XNTT XPCT XPEC		
LD 20: LTN LUC LUDU LUU LUVU PRT		
LD 11: CHG CPY MOV NEW OUT		
RNPG	(0)-4095	Ringing Number Pickup Group To remove a telephone from a group, enter 0 in response to the RNPG prompt.

LD 10

Prompt	Response	Comment
SCI	(0)-7	Station Category Indication priority level The Station Category number 1 to 7 must be defined as attendant console Incoming Call Indicator in LD 15 prompt ICI = CA1 - CA7.
SCPW	xxxx	Station Control Password The Station Control password is used for the Electronic Lock and Remote Call Forward features. This entry must equal the Station Control Password Length (SCPL) as defined in LD 15. Not prompted if SCPL = 0. See Flexible Feature Codes in the X11 features and services NTP.
SECOND_DN	x...x	Second Directory Number sharing the Voice Mailbox. This number can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
	X	Enter the letter "X" to delete the second directory number
SFMT		Select Format for the copy command The DN may be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. The POS prompt appears if CLS = AGTA.
	TNDN	Manual selection of TNs, DNs and ACD position IDs for ACD telephones. TN, DN and POS are prompted -n- times as defined by the CPY command.
	TN	The new DNs and ACD position IDs for ACD telephones are provided by the system. You are prompted for the starting DN, ACD position ID and each TN. TN is prompted n times as defined in the CPY command.
	DN	The new TNs are provided by the system. You are prompted for the starting TN and each DN and ACD position ID for ACD telephones. DN and/or POS are prompted n times as defined in the CPY command.
	AUTO	The new TNs, DNs and ACD position ID for ACD telephones are provided by the system. You are prompted for the starting TN, DN and ACD position ID.
SGRP	(0)-999	Scheduled Access Restriction Group Number Prompted with Schedule Access Restrictions (SAR) package 162. The group must be defined in LD 88.

Prompt	Response	Comment
SPID	x...x	Supervisor Position ID This input assigns an agent to a supervisor when agent lamps are not assigned on the supervisor telephone. This number can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. However, ISDN applications can accept up to 13 digits. Prompted for ACD packages B, C and D when CLS = AGTA.
SPWD	xxxx	Secure Data Password Prompted if the password is defined in LD 15. If the password is not entered, the security codes will not print when PRT is requested.
TEN	1-51	Multi-Tenant Number Enter the Multi-Tenant number for this telephone. Prompted with Multiple-Tenant Service (TENS) package 86 and Tenant Service enabled.
TGAR	0-(1)-31	Trunk Group Access Restriction. The default of (1) automatically blocks direct access.
THIRD_DN	x...x	Third DN sharing the Voice Mailbox
	X	Third Directory Number. This number can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Deletes the third directory number
TN	c u	Terminal Number TN appears when REQ = NEW, CHG, MOV or OUT. The TN defines the location of the telephone set. The ranges for c u are: c= 1,3,5,7,8,9 and u = 0-15 or c = 2,4,6,12,14,16 and u = 0-3
TOTN	c u	To Terminal Number. Prompted when REQ = MOV. General TN format

LD 10

Prompt	Response	Comment
TYPE:		Type of data block. A colon following a prompt indicates enhanced processing. Enhanced processing allows a user to either view a list of possible responses or input an abbreviated response. Note: LD 10 is linked with LDs 11, 20 and 32. You may enter any of the response options listed for the TYPE prompt in LDs 11 and 20 or any of the commands listed in LD 32. See "Overlay programs 10, 11, 20 and 32 are linked thus eliminating the need to exit one Overlay and enter another. Once one of the above Overlays has been loaded it is possible to add, print and get the status of a set without having to exit one Overlay and load another." on page 51 for further information.
	?	To get a list of valid responses
	500	500/2500 telephone set data block
	CARDSLT	Single- line telephone line card
	OOSLT	Out-of-Service Single Line Terminal unit
VMB	NEW	Add Voice Mailbox
	CHG	Change Voice Mailbox
	OUT	Remove Voice Mailbox
		Prompted with Voice Mailbox Administration (VMBA) package 246.
VMB_COS	0-127	Voice Mailbox Class of Service
WRLS	(NO) YES	TN corresponds to a portable personal telephone. Must have Meridian 1 Companion Option (MCMO) package 240.
XLST	(0)-254	Pretranslation group If the user wants to use a 16-button DTMF ABCD set as a call forward destination station to deactivate the call forward all calls function, then XLST must be set equal to the table number defined in LD 18.
XPLN	xx	Expected name length (this value should be set to a sufficient length for current and future names for that DN) When REQ=NEW, the XPLN prompt defines the maximum name length for that particular DN or DIG. The XPLN for a DN cannot be changed without deleting that name entry. XPLN must range from the actual length of the name string to MXLN, or defaults to DFLN.

LD 11—Meridian Digital Telephone Administration

This Overlay program allows data blocks for SL-1, Displayphone 1200, M1000 series, M2000 series, and M3000 digital telephones to be created or modified.

When the Overlay is loaded the available system memory and disk records are output in a header as follows:

```
SL1000
MARP information
MEM AVAIL: (U/P): xxxxxx USED: xxxxx TOT: xxxxxxxx
DISK RECS AVAIL: xxx
```

Incremental Software Management (ISM) also provides a header to indicate system configuration limits and appears as follows:

```
TNS AVAIL: xxxxxx USED: xxxxxx TOT: xxxxxx
ACD AGENTS AVAIL: xxx USED: xxx TOT: xxx
AST SET AVAIL: xxxxxx USED: xxxxxx TOT: xxxxxx
```

The Group Hunt/DN Access to SCL (PLDN) package 120 allows an asterisk (*) or double asterisk (**) as a valid input to a number of prompts. Usually the asterisk will be part of a dialed number. Without this package, for example, inputting one asterisk will cause the system to reissue the last prompt, and two asterisks will cause a restart of the Overlay at REQ.

Overlay programs 10, 11, 20 and 32 are linked, thus eliminating the need to exit one Overlay and enter another. Once one of the above Overlays has been loaded it is possible to add, print and get the status of a set without having to exit one Overlay and load another.

The input processing has also been enhanced so that prompts ending with a colon (:) allow the user to enter either:

- 1** a question mark (?) followed by a carriage return (<cr>) to get a list of valid responses to that prompt, or
 - 2** an abbreviated response, the system then responds with the nearest match. If there is more than one possible match the system responds with SCH0099 and the input followed by a question mark and a list of possible responses. The user can then enter the valid response.
-

Prompts and responses

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Prompts and responses

Prompt	Response	Comment
REQ:	a...a	Request
TYPE:	a...a	Type of data block (TYPE responses begin on page 131)
CFTN	c u	Copy From Terminal Number (c u ranges are defined on page 130)
SFMT	a...a	Select Format (a...a = TNDN, TN, DN, or AUTO)
TN	c u	Terminal Number (c u ranges are defined on page 130)
DELETE_VMB	(YES) NO	Delete Voice Mailbox
ECHG	(NO) YES	Easy Change
- ITEM	aaaa yyy	Item (aaaa = Program mnemonic ; yyy = its new value)
TOTN	c u	To Terminal Number (c u ranges are defined on page 130)
CDEN	8D	Card Density (aa = 8D)
DES	d...d	Office Data Administration System Station Designator
CUST	0	Customer number
KLS	1-7	Number of Key/Lamp Strips

AOM	0-2	Number of Add-on Modules
FDN	x...x	Flexible CFNA DN
TGAR	0-(1)-31	Trunk Group Access Restriction
LDN	aaa	Departmental Listed Directory Number (aaa = (NO), 0-3, or 0-5)
NCOS	(0)-99	Network Class of Service group
RNPG	(0)-4095	Ringing Number Pickup Group
SSU	0-4095	System Speed call list number
XLST	(0)-7	Pretranslation group associated with this station
SCPW	xxxx	Station Control Password
SGRP	(0)-999	Scheduled Access Restriction Group number
CLS	a...a	Class of Service (CLS responses begin on page 97)
ARTO	(0)-3	Alternate Redirection Time Option for call redirection
AFD	x...x	Alternate Flexible Call Forward DN
AHNT	x...x	Alternate Hunt DN
AEFD	x...x	Alternate External Flexible Call Forward DN
AEHT	x...x	Alternate External Hunt DN
MAUT	(NO) YES	Modify authorization codes for this telephone
- SPWD	xxxx	Secure Data Password
- AUTH	n xxxx	Authorization code
RCO	(0)-2	Ringing Cycle Option for Call Forward No Answer
EFD	x...x	Flexible CFNA DN for External calls
HUNT	x...x	Hunt DN of next station in hunt chain
EHT	x...x	External Hunt DN
LHK	(0)-69	Last Hunt Key number limit
LNRS	4-(16)-31	Last Number Redial Size
TEN	1-511	Tenant number
OHID	(0)-9	Off-Hook Alarm Security DN index for off-hook or interdigit timeout.
FSVC	(0)-9	Forced Out-of-Service Off-Hook Alarm Security DN index
SCI	(0)-7	Station Category Indication priority level
DTYP	aaa	Data Station Type
- TOV	(0)-3	Timeout Value for the data port
- DTAO	a...a	Data Option (a...a = (MPDA) or MCA)
- PSEL	a...a	Protocol Selection (a...a = (DMDM) or TLNK)
- OPE	(NO) YES	Change data port Operating Parameters

- PSDS	(NO) YES	Public Switched Data Service option
- TRAN	a...a	Port Transmission type (a...a = (ASYN) or SYN)
- PAR	a...a	Parity (a...a = (SPACE), EVEN, ODD, or MARK)
- DTR	(OFF) ON	Data Terminal Ready settings
- DUP	aaaa	Duplex (aaaa = (FULL) or HALF)
- HOT	(OFF) ON	Hotline
- AUT	(ON) OFF	Auto-answer
- AUTOB	(ON) OFF	Auto Baud rate
- BAUD	0-(7)-8	Data rate in bps for the data port
- DCD	(ON) OFF	Dynamic Carrier Detect
- PRM	(ON) OFF	Prompt for terminal or host mode
- VLL	(OFF) ON	Virtual Leased Line
- MOD	(NO) YES	Mode
- INT	(OFF) ON	Meridian 1/SL-100 Interworking
- CLK	(OFF) ON	Clock
- DEM	aaa	Data Equipment Mode (aaa = (DCE) or DTE)
- DLNG	aaa	Language preference for DAC prompts (aaa = (ENG) or FRN)
- KBD	(ON) OFF	Keyboard Dialing
- V25	(NO) YES	V.25 bis option (synchronous mode only)
- HDLC	(NO) YES	High Level Data Link Control
- RTS	(ON) OFF	Request To Send (applies only to asynchronous mode)
- WIRE	(OFF) ON	Wire test
- PBDO	(OFF) ON	Port Busy when DTR off
LPK	(0)-69	Line Preference Key
PLEV	0-(2)-7	Priority Level
FCAR	(NO) YES	Forced Charge Account Restricted
LTN	1-253 0-15	Logical TN and AUX link number
SPID	x...x	ACD Supervisor Position ID DN
AST	xx yy	Associate Set Assignment for Meridian Link applications
IAPG	(0)-15	Meridian Link Unsolicited Status Message (USM) group
ITNA	(NO) YES	Idle TN for the Third Party Application
DGRP	(1)-5	Device Group
PRI	(1)-32	Priority level for ACD agent
LANG	a	Language choice for Automatic Wakeup (AWU) calls (a = (0)-5 or X)

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MLWU_LANG	a	Language choice for Automatic Wakeup (AWU) calls (a = (0)-5 or X)
DTMK	x...x	Data Mode Key number for a dynamic voice/data TN
DNDR	(0)-120	Directory Number Delayed Ringing in seconds
KEY	xx aaa yyyy	Telephone function key assignments (KEY responses begin on page 111)
- MARP	(NO) YES	Multiple Appearance Redirection Prime
- CPND	aaa	Calling Party Name Display
-- CPND_LANG	aaa	Calling Party Name Display Language (aaa = (ROM) or KAT)
-- NAME	aaaa,bbbb	Calling Party Name Display name
-- XPLN	xx	Expected Name Length
-- DISPLAY_FMT	aaaa,bbbb	Display Format for CPND name
- VMB	aaa	Voice Mailbox
-- VMB_COS	0-127	Voice Mailbox Class of Service
-- SECOND_DN	x...x	Second DN sharing the voice mailbox
-- THIRD_DN	x...x	Third DN sharing the voice mailbox
-- KEEP_MSGS	(NO) YES	Preserve Meridian Mail messages and current password

Prompts and responses by task

Add a voice telephone

Prompt	Response	Comment
REQ:	NEW	Request = NEW
TYPE:	a...a	Type of data block (TYPE responses begin on page 131)
TN	c u	Terminal Number (c u ranges are defined on page 130)
CDEN	aa	Card Density (aa = SD, DD, 4D, or 8D)
DES	d...d	Office Data Administration System Station Designator
CUST	0	Customer number
KLS	1-7	Number of Key/Lamp Strips
AOM	0-2	Number of Add-on Modules
FDN	x...x	Flexible CFNA DN
TGAR	0-(1)-31	Trunk Group Access Restriction
LDN	aaa	Departmental Listed Directory Number (aaa = (NO), 0-3, or 0-5)
NCOS	(0)-99	Network Class of Service group
RNPG	(0)-4095	Ringing Number Pickup Group
SSU	0-4095	System Speed Call list number
XLST	(0)-7	Pretranslation group associated with this station
SCPW	xxxx	Station Control Password
SGRP	(0)-999	Scheduled Access Restriction Group number
CLS	aaaa	Class of Service (CLS responses begin on page 97)
ARTO	(0)-3	Alternate Redirection Time Option for call redirection
AFD	x...x	Alternate Flexible Call Forward DN
AHNT	x...x	Alternate Hunt DN
AEFD	x...x	Alternate External Flexible Call Forward DN
AEHT	x...x	Alternate External Hunt DN
MAUT	(NO) YES	Modify authorization codes for this telephone

- SPWD	xxxx	Secure Data Password
- AUTH	n xxxx	Authorization code
RCO	(0)-2	Ringin9 Cycle Option for Call Forward No Answer
EFD	x...x	Flexible CFNA DN for External calls
HUNT	x...x	Hunt DN of next station in hunt chain
EHT	x...x	External Hunt DN
LHK	(0)-69	Last Hunt Key number limit
LNRS	4-(16)-31	Last Number Redial Size
TEN	1-511	Tenant number
OHID	(0)-9	Off-Hook Alarm Security DN index for off-hook or interdigit timeout.
FSVC	(0)-9	Forced Out-of-Service Off-Hook Alarm Security DN index
SCI	(0)-7	Station Category Indication priority level
LPK	(0)-69	Line Preference Key
PLEV	0-(2)-7	Priority Level
FCAR	(NO) YES	Forced Charge Account Restricted
LTN	1-253 0-15	Logical TN and AUX link number
SPID	x...x	ACD Supervisor Position ID DN
AST	xx yy	Associate Set Assignment for Meridian Link applications
IAPG	(0)-15	Meridian Link Unsolicited Status Message (USM) group
ITNA	(NO) YES	Idle TN for the Third Party Application
DGRP	(1)-5	Device Group
PRI	(1)-32	Priority level for ACD agent
LANG	(0)-5 X	Language choice for Automatic Wake Up (AWU) calls
MLWU_LANG	a	Language choice for Automatic Wakeup (AWU) calls (a = (0)-5 or X)
DTMK	x...x	Data Mode Key number for a dynamic voice/data TN
DNDR	(0)-120	Directory Number Delayed Ringing (in seconds)
KEY	xx aaa yyyy	Telephone function key assignments (KEY responses begin on page 111)
- MARP	(NO) YES	Multiple Appearance Redirection Prime
- CPND	aaa	Calling Party Name Display (aaa = NEW, CHG or OUT)

-- CPND_LANG	aaa	Calling Party Name Display Language (aaa = (ROM) or KAT)
-- NAME	aaaa,bbbb	Calling Party Name Display name
-- XPLN	xx	Expected Name Length
-- DISPLAY_FMT		
	aaaa,bbbb	Display Format for CPND name
- VMB	aaa	Voice Mailbox
-- VMB_COS	0-127	Voice Mailbox Class of Service
-- SECOND_DN	x...x	Second DN sharing the Voice Mailbox
-- THIRD_DN	x...x	Third DN sharing the Voice Mailbox
-- KEEP_MSGS	(NO) YES	Preserve Meridian Mail Messages and current password

Add a data telephone

The following prompts apply to M2006, M2008, M2216, M2616 data ports (MPDA), DAC card units and Meridian Communications Adapter (MCA) only:

All operating parameter information is stored in the MPDA. If the hardware does not exist, the parameter information is lost. The hardware must be connected before configuring the operating parameters in this program. In the event that the parameters are lost, it is possible to enter the data through the data adapter. It is not necessary to re-enter the program.

Prompt	Response	Comment
REQ:	NEW	Request = NEW
TYPE:	a...a	Type of data block (TYPE responses begin on page 131)
TN	c u	Terminal Number (c u ranges are defined on page 130)
CDEN	8D	Card Density (aa = 8D)
DES	d...d	Office Data Administration System Station Designator
CUST	0	Customer number
KLS	1-7	Number of Key/Lamp Strips
AOM	0-2	Number of Add-on Modules
FDN	x...x	Flexible CFNA DN
TGAR	0-(1)-31	Trunk Group Access Restriction
LDN	aaa	Departmental Listed Directory Number (aaa = (NO), 0-3, or 0-5)
NCOS	(0)-99	Network Class of Service group
RNPG	(0)-4095	Ringing Number Pickup Group
SSU	0-4095	System Speed call list number
XLST	(0)-7	Pretranslation group associated with this station
SCPW	xxxx	Station Control Password
SGRP	(0)-999	Scheduled Access Restriction Group number
CLS	aaaa	Class of Service (CLS responses begin on page 97)
ARTO	(0)-3	Alternate Redirection Time Option for call redirection
AFD	x...x	Alternate Flexible Call Forward DN
AHNT	x...x	Alternate Hunt DN
AEFD	x...x	Alternate External Flexible Call Forward DN
AEHT	x...x	Alternate External Hunt DN

MAUT	(NO) YES	Modify authorization codes for this telephone
- SPWD	xxxx	Secure Data Password
- AUTH	n xxxx	Authorization code
RCO	(0)-2	Ring cycle option for Call Forward No Answer
DTYP	aaa	Data station Type
TOV	(0)-3	Timeout Value for the Data port
DTAO	a...a	Data Option (a...a = (MPDA) or MCA)
PSEL	a...a	Protocol Selection (a...a = (DMDM) or TLNK)
OPE	(NO) YES	Change data port Operating Parameters
- PSDS	(NO) YES	Public Switched Data Service option
- TRAN	a...a	Port Transmission type (a...a = (ASYN) or SYN)
- PAR	a...a	Parity (a...a = (SPACE), EVEN, ODD, or MARK)
- DTR	(OFF) ON	Data Terminal Ready settings
- DUP	aaaa	Duplex (aaaa = (FULL) or HALF)
- HOT	(OFF) ON	Hotline
- AUT	(ON) OFF	Auto Answer
- AUTOB	(ON) OFF	Auto Baud rate
- BAUD	0-(7)-8	Enter the data rate in bps for the data port
- DCD	(ON) OFF	Dynamic Carrier Detect
- PRM	(ON) OFF	Prompt for terminal or host mode
- VLL	(OFF) ON	Virtual Leased Line
- MOD	(NO) YES	Mode
- INT	(OFF) ON	Meridian 1/SL-100 Interworking
- CLK	(OFF) ON	Clock
- DEM	aaa	Data Equipment Mode (aaa = (DCE) or DTE)
- DLNG	aaa	Language preference for DAC prompts (aaa = (ENG) or FRN)
- KBD	(ON) OFF	Keyboard Dialing
- V25	(NO) YES	V.25 bis option, synchronous mode only
- HDLC	(NO) YES	High Level Data Link Control
- RTS	(ON) OFF	Request To Send (applies to asynchronous mode only)
WIRE	(OFF) ON	Wire test
PBDO	(OFF) ON	Port Busy when DTR off
EFD	x...x	Flexible CFNA DN for External calls
HUNT	x...x	Hunt DN of next station in hunt chain
EHT	x...x	External Hunt DN
LHK	(0)-69	Last Hunt Key number limit

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LNRS	4-(16)-31	Last Number Redial Size
TEN	1-511	Tenant number
OHID	(0)-9	Off-Hook Alarm Security DN index for off-hook or interdigit timeout.
FSVC	(0)-9	Forced Out of Service Off-Hook Alarm Security DN index
SCI	(0)-7	Station Category Indication priority level
LPK	(0)-69	Line Preference Key
PLEV	0-(2)-7	Priority Level
FCAR	(NO) YES	Forced Charge Account Restricted
LTN	1-253 0-15	Logical TN and AUX link number
SPID	x...x	ACD Supervisor Position ID DN
AST	xx yy	Associate Set Assignment for Meridian Link applications
IAPG	(0)-15	Meridian Link Unsolicited Status Message (USM) group
ITNA	(NO) YES	Idle TN for the Third Party Application
DGRP	(1)-5	Device Group
PRI	(1)-32	Priority level for ACD agent
LANG	(0)-5 X	Language choice for Automatic Wake Up (AWU) calls
MLWU_LANG	aaaa,bbbb	Language choice for Automatic Wake Up (AWU) calls
DTMK	x...x	Data Mode Key number for a dynamic voice/data TN
DNDR	(0)-120	Directory Number Delayed Ringing (in seconds)
KEY	xx aaa yyyy	Telephone function key assignments (KEY responses begin on page 111)
- MARP	(NO) YES	Multiple Appearance Redirection Prime
- CPND	aaa	Calling Party Name Display
- - CPND_LANG	aaa	Calling Party Name Display Language
- - NAME	aaaa,bbbb	Calling Party Name Display name
- - XPLN	xx	Expected NameLength
- - DISPLAY_FMT	aaa	Display Format for CPND name
- VMB	aaa	Voice Mailbox
- - VMB_COS	0-127	Voice Mailbox Class of Service
- - SECOND_DN	x...x	Second DN sharing the Voice Mailbox
- - THIRD_DN	x...x	Third DN sharing the Voice Mailbox
- - KEEP_MSGS	(NO) YES	Preserve Meridian Mail Messages and current password

Copy a telephone

ACD supervisory telephones cannot be copied. Associate set (AST) assignments are not copied to the new telephones.

Prompt	Response	Comment
REQ:	CPY n	Request = CPY n
TYPE:	a...a	Type of data block (TYPE responses begin on page 131)
CFTN	c u	Copy From Terminal Number (c u ranges are defined on page 130)
SFMT	aaaa	Select Format. You may respond to SFMT with: AUTO, TNDN, TN or DN. Subprompts follow each of these responses as follows:
	AUTO	The system provides the new DNs or position IDs (for ACD telephones) and TNs by automatically selecting consecutive unused DNs or ACD position IDs and TNs.
- TN	c u	TN of new set (c u ranges are defined on page 130)
- DN	xxxx	DN of new set
- POS	xxxx	ACD position ID of new set
	TNDN	Manual selection of DNs or ACD position IDs and TNs. You are prompted for the DN or ACD position ID and TN of each new telephone.
- TN	c u	TN of new set (c u ranges are defined on page 130)
- DN	xxxx	DN of new set
- POS	xxxx	ACD Position ID of new set
	TN	The new DNs or ACD Position IDs are provided by the system. You are prompted for the starting DN or ACD Position ID and each TN. TN is prompted -n- times as defined in the CPY command.
- TN	c u	TN of new set (c u ranges are defined on page 130)
- DN	xxxx	DN of new set
- POS	xxxx	ACD Position ID of new set
	DN	The new TNs are provided by the system. You are prompted for the starting TN and each DN or ACD Position ID.
- TN	c u	TN of new set (c u ranges are defined on page 130)
- DN	xxxx	DN of new set
- POS	xxxx	ACD Position ID of new set

Easy change

Prompt	Response	Comment
REQ:	CHG	Request = CHG
TYPE:	a...a	Type of data block (TYPE responses begin on page 131)
TN	c u	Terminal Number (c u ranges are defined on page 130)
ECHG	YES	Easy Change
ITEM	aaaa bbbb	Item (aaaa = Program mnemonic ; yyy = its new value)

Move a telephone

If moving a voice unit with an associated data unit , the data unit must also be moved. On NT8D02 Digital Line Card, both voice and data TNs can be moved by entering MOV PAIR in response to the REQ prompt.

Prompt	Response	Comment
REQ:	a...a	Request = MOVE or MOV PAIR
TYPE:	a...a	Type of data block (TYPE responses begin on page 131)
TN	c u	Terminal Number (c u ranges are defined on page 130)
TOTN	c u	To Terminal Number

Remove a telephone

Before removing an ACD agent telephone, first remove the associated AGT key on the supervisor's telephone.

Prompt	Response	Comment
REQ:	OUT	Request = OUT
TYPE:	a...a	Type of data block (TYPE responses begin on page 131)
TN	c u	Terminal Number (c u ranges are defined on page 130)

Alphabetical list of prompts

Prompt	Response	Comment
AEFD	x...x	Alternate External Flexible Call Forward DN. Remove by setting CLS = RTDD or CFTD. Alternate Redirection DN (up to 13 digits)
AEHT	x...x	Alternate External Hunt DN. Remove by setting CLS = RTDD or CFTD. Alternate Redirection DN (up to 13 digits)
AOM	0-2	Number of Add-on Modules. AOM appears if TYPE = M2216 and M2616.
AFD	x...x	Alternate Flexible Call Forward DN. Remove by setting CLS = RTDD. Alternate Redirection DN (up to 13 digits)
AHNT	x...x	Alternate Hunt DN. Remove by setting CLS = RTDD. Alternate Redirection DN (up to 13 digits)
ARTO	(0)-3	Alternate Redirection Time Option for call redirection, defined in the customer data block. ARTO is prompted if CLS = RTDA.
AST	xx yy	Associate Set Assignment for Meridian Link applications A maximum of two DN keys, xx and yy, can be controlled by the host computer. Precede with X to delete.
AUT	(ON) OFF	Enable Auto-Answer Do not enable Auto-Answer
AUTB	(ON) OFF	Auto Baud rate enabled Auto Baud rate disabled AUTB is prompted if TYPE = R232 or R422 and if HOT = OFF.
AUTH	n xxxx	Authorization code. Where: - n = the number of the assigned authorization code (1-6) - xxxx = assigned authorization code (Any authorization code assigned in LD 88 is valid). AUTH appears when CLS = Authorization Code Required (AUTR).
BAUD	0-(7)-8	Baud rate Enter data rate in bps for data port on M2006, M2008, M2216 and M2616 telephones and Data Access Card.

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Prompt	Response	Comment
		The following values apply to: • MPDA-1 • MCA with DTAO = MPDA and TRAN = ASYN • MCA with DTAO = MCA • TYPE = MCU and TRAN = ASYN Where: 0 = 110, 1 = 150, 2 = 300, 3 = 600, 4 = 1200, 5 = 2400, 6 = 4800, (7) = 9600, and 8 = 19,200
0-(11)-12		The following values apply to: • MCA with DTAO = MPDA, with MCA hardware • TRAN = SYN, MCA with TRAN = SYN • MCA with DTAO = MCA Where: 0 = 1200, 1 = 2400, 2 = 3600, 3 = 4800, 4 = 7200, 5 = 9600, 6 = 14,400, 7 = 19,200, 8 = 38,400, 9 = 40,800, 10 = 48,000, (11) = 56000, and 12 = 64,000. BAUD is only prompted if AUTOB (Auto Baud Rate) = OFF.
CDEN	SD DD 4D 8D	Single Card Density Double Card Density Quadruple Card Density Octal Card Density CDEN defaults to the density of the network loop. CDEN is not prompted for superloops.
CFTN	c u	Copy From Terminal Number General TN format For Meridian: c u = card, unit Use this TN as a template for new sets. ACD supervisory sets cannot be copied. Associate set (AST) assignments are not copied to the new sets. Phantom TNs, the system checks to be sure that TNs are not moved or copied from phantom TNs to non-Phantom TNs or visa versa. CFTN appears if REQ = CPY.
CLK	(OFF) ON	Clock off Clock on

Prompt	Response	Comment
CLS		Class of Service options
		The following CLS assignments determine the calling options and features available to the telephone. Defaults are shown in parentheses. Enter each non-default option required, separated by a space.
		Access Restrictions :
(CTD)		Conditionally Toll Denied
CUN		Conditionally Unrestricted
FR1		Fully Restricted class 1
FR2		Fully Restricted class 2
FRE		Fully Restricted
SRE		Semi-Restricted
TLD		Toll Denied
UNR		Unrestricted
(AAD)		Automatic Answerback Denied
AAA		Automatic Answerback Allowed
		Automatic Answerback can be used on M2112, M2317, M2616, M3000 and SL-1 telephones with handsfree capability. A special hardware kit is required for SL-1 sets and Companion 4 speakerphones.
		Automatic Answerback must have CLS = HFA for M2616 telephones. CLS AAA or AAK keys are not allowed for M2317 TNs.
(ABDD)		Abandoned call record and time to answer Denied
ABDA		Abandoned call record and time to answer Allowed
		Digit Display
ADD		Automatic Digit Display, default for M2008, M2216, M2317, M2616, M3000
DDS		Delay Display, display activates after call is answered
NDD		No Digit Display, default for SL-1, M2006, M2009, M2112, M2018
TDD		Touchphone Digit Display with Enhanced Automatic Digit Display, TDD class of service is applicable to all Meridian 1 proprietary sets except for the M2016.
(AGN)		ACD Agent
SPV		ACD Supervisor
(ARHD)		Audible Reminder of Held Call Denied
ARHA		Audible Reminder of Held Call Allowed

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Prompt	Response	Comment
(ASCD) ASCA	Alarm Security Denied Alarm Security Allowed	
(AUTU) AUTD AUTR	Unrestricted Authorization code Class of Service Denied Authorization code Class of Service Restricted Authorization code Class of Service	When the CLS is changed from AUTR to AUTU or AUTD, all previous telephone authorization code information is removed. This Class of Service is valid only when Station Specific Authorization Codes (SSAU) package 229 is equipped.
(CCSD) CCSA	Controlled Class of Service Denied Controlled Class of Service Allowed	CCSA is required for the Electronic Lock feature. Must have Controlled Class of Service (CCOS) package 81.
(CDMD) CDMA	CDMD denies external station activity records to be generated for the set CDMA allows external station activity records to be generated for the set	
(CFHD) CFHA	Call Forward Hunt Override Denied Call Forward Hunt Override Allowed	
(CFTD) CFTA	Call Forward by Call Type Denied/Allowed CFTA	If response is CFTA, you must also designate HTA, FNA or both.
(CFXD) CFXA	Call Forward All Calls to External DN Denied Call Forward All Calls to External DN Allowed	Examples of external DNs are: • Route Access Code • ESN Access Code • CDP Distant Steering Code When denied, a call can only be forwarded to the following internal DNs: • Single or multi-line telephone • Attendant DN or CAS local attendant DN • Listed DN as defined in LD 15 • Message Center DN where MWC = YES

Prompt	Response	Comment
(CLBD)	Deactivate Calling Party Number and Name per-line blocking	
CLBA	Activate Calling Party Number and Name per-line blocking	
	The user may still request CPP by dialing the CPP code.	
(CLTD)	Network Call Trace from this telephone Denied	
CLTA	Network Call Trace from this telephone Allowed	
(CMSD)	Command and Status link Denied	
CMSA	Command and Status link Allowed	
	CMSA is not supported by M2009, M2018, M2112, M2317, and M3000.	
(CNDD)	Call Party Name Display Denied	
CNDA	Call Party Name Display Allowed	
	CNDA allows user names to be displayed on the telephone's digit display.	
(CNID)	Call Number Information Denied	
CNIA	Call Number Information Allowed	
(CNTD)	Network ACD Countdown Denied	
CNTA	Network ACD Countdown Allowed	
	Only allowed on ACD agent telephones.	
(CPFA)	Forced Camp-On from another set Allowed	
CPFD	Forced Camp-On from another set Denied	
(CPTA)	Forced Camp-On to another set Allowed. CPTA is the default for VCE TNs.	
CPTD	Forced Camp-On to another set Denied	
(DDGA)	DN Display on other set Allowed	
DDGD	DN Display on other set Denied	
(DDV)	Data Port Verification Denied	
ADV	Data Port Verification Allowed	
(DELD)	Dealer Denied	
DELA	Dealer Allowed	
	Must have On-Hold On Loudspeaker (OHOL) package 196.	

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Prompt	Response	Comment
(DNDD) DNDA	Dialed Name Display Denied Dialed Name Display Allowed	DNDA allows the display of the originally dialed DN's names on redirected calls. Name display applies to M2317, M3000 or Meridian Modular telephones with displays. Must have Calling Party Name Display (CPND) package 95. Must also have CLS = CNDA. CLS is not DTA.
(DOS) AOS	ACD Supervisory Set Denied observation of other supervisory sets ACD Supervisory Set Allowed observation of other supervisory sets	Must have CLS = SPV.
(DPUD) DPUA	DN Pickup Denied DN Pickup Allowed	
(DRG1) DRG2 DRG3 DRG4	Digital telephone distinctive ringing High fast tone, frequency 667 Hz/500 Hz, warble rate 10.4 Hz High slow tone, frequency 667 Hz/ 500 Hz, warble rate 2.6 Hz Low fast tone, frequency 333 Hz/ 250 Hz, warble rate 10.4 Hz Low slow tone, frequency 333 Hz/ 250 Hz, warble rate 2.6 Hz	DRG3 and DRG4 distinctive ringing for M2006 and M2008 telephones are different.
DRG3 DRG4	Low fast tone, frequency 1600/ 2000 Hz, warble rate 10.0 Hz Low slow tone, frequency 1600/ 2000 Hz, warble rate 2.5 Hz	
(DSX) DSI	Data Service access or IS Server TN Denied Data Service access or IS Server TN Allowed	CLS is automatically set to DTA.
(FBD) FBA	Call Forward Busy Denied Call Forward Busy Allowed	This feature sends DID calls encountering a busy condition to the attendant. Call Forward Busy should have Hunting and Call Waiting denied, CLS = HTD and CWD, since Hunting and Call Waiting take precedence over FBA.
(FITD) FITA	Flexible Incoming Tones Denied Flexible Incoming Tones Allowed	For SL-1 sets OPT must be SBA in LD 15. For Digital sets OPT must be DBA in LD 15.

Prompt	Response	Comment
(FLXD) FLXA	Flexible voice/data Denied Flexible voice/data Allowed	FLXA is only allowed for Aries sets. By entering FLXA, you may configure dynamic voice/data TNs by assigning VCE to the upper TN (unit 16-31) and DTA to the lower TN (unit 0-15). You also have the option of designating a SCR key as DTM (data mode). Warning: If connecting the Aries set only to the TCM loop, this option should not be specified. External equipment which can use this capability should be connected. Warning: When changing from CLS DTA to CLS VCE, CLS WTA should also be assigned to avoid conflict with CLS CPTA. CLS CPTA is the default for VCE TNs.
(FND) FNA	Call Forward No Answer Denied Call Forward No Answer Allowed	
(FRN) ENG	French language display English language display	For M2317 alphanumeric display sets.
(GPUD) GPUTA	Group Pickup Denied Group Pickup Allowed	Group Pickup is not allowed on telephones in group zero, RNPG = 0.
(HFD) HFA	Digital Telephone Handsfree Denied Digital Telephone Handsfree Allowed	Only available for M2616 telephones. Handsfree capability on all other telephones is a function of the hardware and does not require HFA Class of Service in order to operate.
(HTD) HTA	Hunting Denied Hunting Allowed	
(ICDD) ICDA	Internal Call Detail Recording Denied Internal Call Detail Recording Allowed	
(IMD) IMA	Integrated Messaging Service Attendant Denied Integrated Messaging Service Attendant Allowed	
(IRD)	Incoming Ringing Line Preference Denied	

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Prompt	Response	Comment
	IRA	Incoming Ringing Line Preference Allowed
	(LLCN)	Line Load Control off
	LLC1	Class 1
	LLC2	Class 2
	LLC3	Class 3
	(LND)	Last Number Redial Denied
	LNA	Last Number Redial Allowed Must have OPT = LRA in LD 15.
	(LPR)	Low Priority Station
	HPR	High Priority Station High Priority will place this set or trunk at the top of the dial tone queue.
	(MCTD)	Malicious Call Trace Denied
	MCTA	Malicious Call Trace Allowed The MCT key must be removed before changing MCTA to MCTD. MCT is applied on a TN basis.
	(MRD)	Message Registration Denied
	MRA	Message Registration Allowed
	(MTD)	Maintenance Telephone Denied
	MTA	Maintenance Telephone Allowed
	(MWD)	Message Waiting Denied
	MWA	Message Waiting Allowed If CLS = MWA and there is no Message Waiting Key (MWK) defined, then the red Message Waiting LED lights to indicate Message Waiting notification.
	(NAMA)	Name Display on other set Allowed
	NAMD	Name Display on other set Denied
	(NID)	Non-ringing Incoming Line Preference Denied
	NIA	Non-ringing Incoming Line Preference Allowed
	(OLD)	Outgoing Line Preference Denied
	OLA	Outgoing Line Preference Allowed
	(ONDD)	One Number Delivery Denied for a portable
	ONDA	One Number Delivery Allowed for a portable

Prompt	Response	Comment
(PGND)	Deny PAGENET access	
PGNA	Allow PAGENET access	PGND/A allowed if PAGENET package 307 is equipped.
(POD)	Privacy Override Denied	
POA	Privacy Override Allowed	The Privacy Optional feature is used with multiple appearance DN's.
(PUD)	Call Pickup Denied	
PUA	Call Pickup Allowed	Default changes to PUA if Ringing Number Pickup Group (RNPG) is defined. Call Pickup is not allowed on telephones in group zero or RNPG = 0.
(RDLA)	Automatic Redial Allowed	
RDLD	Automatic Redial Denied	
(RTDD)	Call Redirection by Time of day denied	
RTDA	Call Redirection by Time of day allowed	
(SFD)	Second level CFNA Denied	
SFA	Second level CFNA Allowed	SFA only requires the FNA Class of Service.
(SWD)	Station-to-Station Call Waiting Denied	
SWA	Station-to-Station Call Waiting Allowed	A Call Waiting key or CWT must be defined. Must have CLS = HTD since hunting takes precedence.
(TENA)	Tenant Service Allowed	
TEND	Tenant Service Denied	Multi-Tenant must be configured in LD 93 before the default is TENA.
(ULAD)	Deny access to Set Based Administration	
ULAA	Allow access to Set Based Administration	Must have Set Based Administration (ADMINSET) package 256.
(USMD)	Meridian 911 position denied	
USMA	Meridian 911 position allowed	Must have Meridian 911 (M911) package 224.
(USRD)	User Selectable Call Redirection Denied	
USRA	User Selectable Call Redirection Allowed	

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Prompt	Response	Comment
	(VCE) DTA	Voice Terminal Data Terminal VCE is used for voice TNs. DTA is used for data. For digital line cards the Class of Service is VCE for units 0-7 and DTA for units 8-15. For NT8D02 Digital Line Cards, the Class of Service is VCE for units 0-15 and DTA for units 16-31.
	(VMD) VMA	Server Voice Messaging Denied Server Voice Messaging Allowed
	(WTA) WTD	Warning Tone Allowed Warning Tone Denied
	(XHD) XHA	Exclusive Hold Denied Exclusive Hold Allowed
CPND	NEW OUT CHG	Calling Party Name Display New CPND entry Delete CPND entry Change CPND entry Must have Calling Party Name Display (CPND) package 95 and CPND data block defined in LD 95.
CPND_LANG	(ROM) KAT	Calling Party Name Display Language Roman Katakana
CUST	(0)	Customer number
DCD	(ON) OFF	Dynamic Carrier Detect Enables Dynamic CD Carrier Detect starts as inactive and follows the state of the call. DCD is only prompted if TYPE = R232.
DELETE_VMB	(YES) NO	Delete Voice Mailbox Remove the Voice Mailbox from the Meridian 1 and Meridian Mail Remove the Voice Mailbox from the Meridian 1 DELETE_VMB is prompted if REQ = OUT and TN has an associated Voice Mailbox. DELETE_VMB is allowed if the DN is a single appearance or multiple appearance DN on a single TN.

Prompt	Response	Comment
DEM	(DCE) DTE	Data Equipment Mode. Prompted if TYPE = R232. Data Carrier Equipment Data Terminal Equipment
DES	d...d	Designator The response d...d represents an Office Data Administration System (ODAS) Station Designator of 1-6 alphanumeric characters.
DGRP	(1)- 5	Device Group DGRP designates an AST BCS set into a specific device group. It is recommended that an AST phantom (BCS) TN should be a non-display BCS set. An AST BCS set of a phantom loop cannot be an ACD set.
DISPLAY_FMT	(FIRST, LAST) LAST, FIRST	Display Format for CPND name May be input as FIRST To view names as John Doe May be input as LAST To view names as Doe John
DLNG	(ENG) FRN	Language preference for the DAC prompts. English French Prompted if TYPE = R232 or R422.
DN	x...x	Directory Number DN is prompted when using the copy command. DN can be up to 4 digits, up to 7 digits if Directory Number Expansion (DNXP) package150 is equipped. ISDN applications can accept up to 13 digits.
DNDR	(0)-120	Delay Value in seconds. A DNDR value of 0 disables this feature. If the DNDR value is an odd number, then it is incremented to the next even number.
DTAO	(MPDA) MCA	Data Option, not prompted if TYPE = MCU. Software for Meridian Programmable Data Adapter Software for Meridian Communications Adapter The DTAO prompt determines the downloaded data, system, and operating parameters.

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Prompt	Response	Comment
DTMK	x...x	Data Mode Key number for a dynamic voice/data TN. DTMK is prompted if the TN has both CLS = VCE and CLS = FLXA. There can be only one data mode key per TN. Any response to DTMK will overwrite a previous setting. When changing from CLS = DTA to CLS = VCE, CLS = WTA should also be assigned to avoid conflict with CLS = CPTA. Where x...x = number of the SCR/SCN key to be designated as the data mode key. This cannot be key 00.
	<cr>	No data mode key. TN is not a dynamic voice/data TN.

Prompt	Response	Comment
DTR	(OFF) ON	Data Terminal Ready settings Dynamic DTR Forced DTR, force the data port to always be ready for transmission. With the Data Access Card (DAC). DTR is prompted if TYPE = R232.
DTYP	(IOS) IDS ODS	Data Station Type Inbound/Outbound Data Station Inbound Data Station Outbound Data Station
DUP	(FULL) HALF	Full Duplex Half Duplex
ECHG	(NO) YES	Easy Change This allows change to any prompt in this program without having to <cr> through all unrelated prompts. ECHG is prompted when REQ = CHG.
EFD	x...x	Flexible CFNA DN for External calls EFD is the DN to which external calls are routed when there is no answer, if one of the following customer options is defined in LD 15: • FNAD = FDN • FNAT = FDN • FNAL = FDN The DN can be up to 4 digits without Directory Number Expansion (DNXP) package 150, 7 digits with DNXP package 150, or 13 digits. Call Forward by Call Type Allowed and Forward No Answer must be defined as the Class of Service (CLS = CFTA and FNA). LDNs, DLDNs, and Prime DNs will be accepted as valid input.

Prompt	Response	Comment
EHT	x...x	External Hunt DN EHT is the DN hunted for by external busy calls when: • Class of Service is Call Forward by Call Type Allowed (CFTA) and Hunting Allowed (HTA) • the LD 15 prompt FNAD, FNAT, or FNAL = HNT This DN can be up to 4 digits without Directory Number Expansion (DNXP) package 150, 7 digits with DNXP package 150, or 13 digits. LDNs, DLDNs, and Prime DN's are accepted as valid input. To remove EFD or EHT DN's, change CFTA Class of Service to CFTD. Prompted when CFTA is defined.
	000	Short Hunt for external calls
FCAR	(NO) YES	Forced Charge Account Restricted Must use Forced Charge Account Restricted from using Forced Charge Account Prompted if FCAF = YES in LD 15 and CLS = TLD, CUN or CTD.
FDN	x...x	Flexible CFNA DN FDN is used for internal calls, if CLS is CFTA and FNA. FDN is used for all calls if CLS is CFTD and FNA. FDN can be up to 4 digits without Directory Number Expansion (DNXP) package 150, 7 digits with DNXP package 150, or 13 digits. A Group Hunt pilot DN can be entered. Precede with X to delete. FDN requires CLS = MWA or FNA. FDN is only used if one or more of the following customer options are defined in LD 15: • FNAD = FDN • FNAT = FDN • FNAL = FDN
FSVC	(0)-9	Forced Out-of-Service Off-Hook Alarm Security DN index. When Forced Out-of-Service condition occurs on a digital telephone with Alarm Security Allowed (ASCA) Class of Service, the telephone is intercepted to a predefined DN. Enter the index number (0)-9 of the DN defined by LD 15 prompts ODN 0-9. ODN is the acronym for Change Off-Hook Alarm Security Directory Number options (OHAS DN).
HDLC	(NO) YES	High Level Data Link Control

Prompt	Response	Comment
		Prompted if V25 = YES.
HOT	(OFF) ON	Hotline Hotline is inactive for data port. Enables Hotline for data port. If HOT = ON, Auto Baud is forced OFF for the Data Access Card.
HUNT	x...x	Hunt DN of next station in hunt chain This Hunt DN can be up to 4 digits without Directory Number Expansion (DNXP) package 150, or 7 digits with Directory Number Expansion (DNXP) package 150, or 13 digits. Precede with X to delete.
	000	Short Hunting A Group Hunt pilot DN can be entered. A Control directory number (CDN) can be defined as a Hunt DN for both physical and phantom 500/2500 sets. When a CDN is configured in this way, a call which comes to a busy DN can be Hunting or Call Forward Busy to a CDN. With Call Forward and Hunt by Call Type, this is the Hunt DN for : • internal calls if CLS = CFTA, or • for all busy calls if CLS = CFTD
IAPG	0- 9 (0)-15	Meridian Link Unsolicited Status Message (USM) group IAPG assigns AST DNs to a status message group defined in LD 15. These groups determine which status messages are sent for an AST set. The default Group 0 sends no messages, while Group 1 sends all messages.
INT	ON (OFF)	Meridian 1/SL-100 Interworking Enable Meridian 1 and SL-100 interworking Do not enable Meridian 1 and SL-100 interworking

LD 11

Prompt	Response	Comment
ITEM	aaaa yyy	Respond with the desired program mnemonic (aaaa) and its new value (yyy). ITEM is reprompted until only a carriage return <cr> is entered. For example: REQ CHG TYPE SL1 TN Ill ss cc uu ECHG YES ITEM KEY 07 ADL KEY <cr> - KEY is prompted until <cr> is entered ITEM <cr> REQ
	<cr>	Return to REQ
ITNA	(NO)	Idle TN for the Third Party Application. Do not identify an Associated Set (AST) to be used only by Third Party Application
	YES	Identify an Associated Set (AST) to be used only by Third Party Application
KBD	(ON) OFF	Enable Keyboard Dialing for data port Enables Hayes mode
KEEP_MSGS	(NO) YES	Preserve Meridian Mail Messages and current password

Prompt	Response	Comment
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KEY xx aaa yyyy (ccc **or** D)

Telephone function key assignments

The following key assignments determine calling options and features available to a telephone. Note that KEY is prompted until just a carriage return <cr> is entered.

Where:

- **xx** = key number
- **aaa** = key name or function
- **yyyy** = additional information required for the key
- **ccc** = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1.
- **D** = the character "D". When the character "D" is entered, the system searches the DN keys from key 0 up to find a DN key a CLID entry. The CLID associated with the found DN key will then be used.

Note: The position of the (ccc or D) field varies depending on the key name or function.

You may enter a CLID entry if aaa = ACD key, HOT d, HOT L, MCN, MCR, PVN, PVR, SCN or SCR. Type xx NUL to remove a key function or feature.

Some data ports require specific key assignments. Refer to the *Meridian Data Services* NTPs for information regarding these requirements.

Key number limits that can be assigned are as follows:

- 0-5 for M2006
- 0-7 for M2008
- 0-59 for M2616, varies with number of add-on modules
- 0-69 for SL1, varies with number of key/lamp strips

If either the Meridian Programmable Data Adapter (MPDA) or the Display Module is equipped, then key 7 on sets M2008, M2216, and M2616 sets and key 5 on set M2006 will become Program keys which cannot be used as function keys.

Any printout of the TN block will not show key 7 because it is a local function key.

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Prompt	Response	Comment
		On the M2616, if CLS = HFA, key 15 on the voice TN defaults to the Handsfree key. No other feature assignment is accepted. Primary and secondary data DNs must be unique. A station SCR, SCN, MCR, or MCN DN must be removed as a member from all Group Hunt lists before the DN can be modified.
xx AAG	ACD Answer Agent key Must have CLS = SPV.	
xx AAK	Automatic Answerback key AAA CLS and AAK key cannot be assigned to the same telephone. Only one type of Automatic Answerback is allowed. M2616 telephone must have CLS = HFA.	
xx ACD yyyy (ccc or D) zzz	Automatic Call Distribution key Where: • xx = key number (<i>must be key 0</i>) • yyyy = ACD DN or Message Center DN • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used. • zzzz = agent's position ID yyyy and zzzz can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.	
xx ACNT	Activity Code entry key This key must have an associated lamp and applies to ACD-D and ACD-MAX only. ADS data block must be configured in LD 23.	

Prompt	Response	Comment
xx ADL yy z...z	Autodial key	Where: • xx = key number • yy = maximum length of the ADL DN. valid entries are: 4, 8, 12, (16), 20, 24, 28, 31. Note that other values are rounded up to the next valid number. • z...z = actual Autodial DN (this entry is optional)
xx AGT yyyy	ACD Agent status key	Where: yyyy = agent's ID. The agent ID number can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Must have CLS = SPV.
xx AMG	ACD Answer Emergency call key	Must have CLS = SPV. The Answer Emergency Key can be defined as a secondary supervisor's Position ID. The secondary supervisor's Position ID can be NULL by default. The Position ID of the ACD set cannot be changed once the ACD set is aquired as a Human Agent.
xx AO3	Three-Party Conference key	
xx AO6	Six-Party Conference key	
xx ARC	Attendant Recall key	
xx ASP	ACD Supervisor call key(must have CLS = AGN)	
xx AWC	ACD Calls Waiting key	Must have CLS = AGN and Supervisor Position ID or SPID must be configured.
xx BFS TN	Busy Forward Status key	Where: TN = Terminal Number to be screened. A Key cannot be assigned to a BRI set.

LD 11

Prompt	Response	Comment
xx CA yy z...z	Combined No Hold Conference and Autodial key Where: • yy = maximum length of the CA DN. Valid entries are: 4, 8, 12, (16), 20, 24, 28, 31. • z...z = actual Autodial DN (this entry is optional)	
xx CAS	Centralized Attendant Service key	
xx CFW yy z...z	Call Forward key Where: yy = maximum length of the CFW DN Valid entries for M2317 or M3000 sets are any integer in the range of (4)-23. For all other BCS type sets, you may enter any integer in the range of (4)-31. Where: z...z = Call Forward DN or range of DN's where calls are to be forwarded (the target DN). A Group Hunt DN can be entered. If CLS = CFXD, the Call Forward number must be an internal DN.	
xx CH D yy z...z	Combined No Hold Conference and Direct Hotline key Where: • yy = number of digits in target DN (1-31) • z...z = target DN	
xx CH L yyy	Combined No Hold Conference and Hotline List key Where: yyy = 0-999 for Hotline list entry as defined in LD 18.	
xx CHG	Charge account key	
xx COS	Controlled Class of Service key	
xx CPN	Calling Party Number key	
xx CS yyyy	Combined No Hold Conference and Speed Call key Where: yyyy = Speed Call list number from 0-8190. Not available on M3000 telephones.	

Prompt	Response	Comment
xx CWT		Call Waiting key Only one CWT Key is allowed. Should have CLS = HTD since Hunting takes precedence.
xx DAG		Display ACD Agents key This key displays the status of ACD agents appearing on the supervisor's telephone. Must have CLS = SPV and ADD or DDS.
xx DIG yyyy zz R/V		Dial Intercom Group key Where: • yyyy = group number, from 0-2045. • zz = member number from 0-99. The zz value cannot be equal to or share the first digit of a 2 digit number with the SPRE code. For example, if SPRE = 1, zz cannot be 1, 10, 11...19. • R = Ring option • V = Voice option Must have maximum number of Dial Intercom Groups DGRP defined in LD 15. If any member in a group has a two-digit member number, then all members have a two-digit number. The system adds leading zeros to other entries. Prompted with Dial Intercom (DI) package 21.
xx DPU		Directed Call Pickup key Key is optional, dial access code can be used if CLS = DPUA. Not available on M3000 telephones. This prompt appears with Directed Call Pickup (DCP) package 115.
xx DRC yyy		DID Route Control key Where: yyy = route number = 0-511
xx DSP		Display key This key must have an associated key/lamp pair.

LD 11

Prompt	Response	Comment
xx DWC yyyy	ACD Supervisor Display Waiting Calls key	Where: yyyy = ACD DN. Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. A maximum of eight DWC keys can be assigned per queue on eight supervisors. Agent sets can only have 1 SWC key for their own queue. ACD agent telephones can support the display waiting calls key. Must have CLS = SPV and ADD or DDS. The key can be used with supervisors and agents.
xx EMR	ACD Emergency key(must have CLS = AGN)	
xx ENI yyyy	ACD Enable Interflow key	Where: yyyy = DN. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Only one is allowed per ACD DN. Must have CLS = SPV.
xx EOVR	Enhanced Override key	
xx GPU	Group Call Pickup key	The key is optional because a dial access code can be used if CLS = GPU. Not available on M3000 telephones. Allowed with Directed Call Pickup (DCP) package 115.
xx GRC yy	Group Call key	Where: yy = 0-63 for Group number as defined in LD 18

Prompt	Response	Comment
nn HOT D dd num DN m (ccc or D)	Two-way Hotline key	Where: • dd = number of digits dialed • num = target_number (terminating DN is a maximum of 31 digits) • DN = two-way hotline DN • m = one of the following Terminating Modes: H = Hotline (default), N = Non-ringing, R = Ringing, or V = Voice • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used.
xx HOT D nn x...x	Direct entry for One-way Enhanced Hotline key	Where: • nn = number of digits dialed • x...x = Hotline terminating DN up to a 31 digit maximum
xx HOT D nn x...x xxxx (ccc or D)	Direct entry for Two-way Enhanced Hotline key	Where: • nn = number of digits in Target DN • x...x = Terminating DN up to a 31 digit maximum • xxxx = optional two way Hotline DN. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used.

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Prompt	Response	Comment
nn HOT I dd num m	Intercom key	
	Where:	
		• dd = number of digits dialed • num = target_number (terminating DN max 31 digits) • m = one of the following Terminating Modes: V = Voice (default), N = Non-ringing, or R = Ringing
xx HOT L bbb	One-way Hotline key	
	Where: bbb = Hotline list entry = 0-999. The Hotline list entry is defined in LD 18.	
	Note that the Hotline list NCOS overrides the set NCOS.	
xx HOT L bbb xxxx (ccc or D)	Two-way list entry for Enhanced Hotline key	
	Where:	
		• bbb = List entry = 0-999 • xxxx = Two-way Hotline DN. This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used.
	Hotline list entry is defined in LD 18.	
	Note that the Hotline list NCOS overrides set NCOS.	
xx ICF nn xxxx	Internal Call Forward key	
	Where: nn = Forward DN length. Valid entries are any integer in the range of (4)-31.	
	Where: xxxx = Forward DN (this entry is optional)	
	An ICF key can be configured if Call Forward is enabled.	
xx MCK	Message Cancellation Key	
	This key should only be programmed on Message Center sets.	

Prompt	Response	Comment
xx MCN yyyy	(ccc or D) Multiple Call Non-Ringing key Where: • yyyy = DN • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. The DN cannot appear simultaneously on a PBX set DN or as an SCR DN or SCN DN. Once the MCN key has been defined, MARP is prompted.	
xx MCR yyyy	ccc,D Multiple Call Ringing key Where: • yyyy = DN • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D and may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. The DN cannot appear simultaneously on a PBX set DN or as a SCR Single Call or SCN DN. Once the MCR key has been defined MARP is prompted.	
xx MIK	Message Indication Key This key should only be programmed on Message Center sets.	
xx MMM	Voice/Data display key Only key numbers 0-7 can be assigned for the M2008. M2x16 varies with additional add-on modules. Maximum key number is 59. The Data Port requires specific key assignments. An ISDLc line card, vintage C or higher, is required for M2006, M2008, M2216 and M2616 telephones.	

LD 11

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Prompt	Response	Comment
xx MRK	Message Registration Key	Requires PPM/Message Registration (MR) package 101 and CLS = ADD or DDS.
xx MSB	Make Set Busy key	
xx MWK yyyy	Message Waiting Key	Where: yyyy = DN. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. With the Network Message Service feature equipped, the NMS-DN can be up to 13 digits.
xx NHC	No Hold Conference key	
xx NRD	Not Ready key	AGN or SPV Class of Service must be assigned.
xx NSVC yyyy	Night Service key(must have CLS = SPV)	Where: yyyy = ACD DN associated with that Night Service. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
xx NUL	Removes function or feature from key	
xx OBV	Observe ACD agent key(must have CLS = SPV)	
xx OVB	Overflow Position Busy key	
xx OVR	Override key	
xx PRK	Call Park key	The Transfer (TRN), or Six-Party Conference (A06) key plus a Dial Access code can be used instead of the Park key.
xx PRS	Privacy Release key	

Prompt	Response	Comment
xx PVN yyyy	(ccc or D) Private Line Non-Ringing key Where: • yyyy = DN • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Must have Private Line Directory Number (PRDN) defined in LD 14.	
xx PVR yyyy	(ccc or D) Private Line Ringing key Where: • yyyy = DN • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Must have Private Line Directory Number (PRDN) defined in LD 14.	
xx RAG	ACD Ring Agent key(must have CLS =SPV)	
xx RDL yy	Redial stored number key Where: yy = number of digits = 4, 8, 12, (16), 20, 23. Numbers between 5 and 22 are rounded up to the next valid number.	
xx RGA	Ring Again key RANA may be activated if OPT = RNA in LD 15. When OPT = RND in LD 15, all sets with the RGA key will only be able to activate Ring Again Busy.	
xx RLS	Release key Requires CLS = LVXA. Key/lamp pair is not required.	

LD 11

Prompt	Response	Comment
xx RMK	Room Status Key	
xx RNP yyyy	Ringing Number Pickup key	Where: yyyy = Ringing Number Pickup group number is optional If the group number is not entered, the key will pick up the group number assigned to the station. If the group number is entered, the key will pick up calls in the specified group yyyy.
xx SCC yyyy	Speed Call Controller key	Where: yyyy = SCL list number = 0-8190. SCL must be defined in LD 18.
xx SCN yyyy (ccc or D)	Single Call Non-Ringing key	Where: • yyyy = DN • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Once the SCN key has been defined, MARP is prompted.

Prompt	Response	Comment
xx SCR yyyy	(ccc or D) Single Call Ringing key Where: • yyyy = DN • ccc = CLID entry of (0)-N, where N = the value entered at the SIZE prompt in LD 15 minus 1. • D = the character D may be entered to search a CLID entry from key 0 and up to find a DN key. The CLID associated with the found DN key will then be used. The DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Use a single appearance DN to terminate VCC Voice Call or SIG Signaling calls. Once the SCR key has been defined, MARP is prompted.	
xx SCU yyyy	Speed Call User key Where: yyyy = SCL list number = 0-8190. SCL must be defined in LD 18.	
xx SIG yyyy	Signal key Where: yyyy = Single appearance DN. The DN can be up to 4 digits, up to 7 digits with DNXP package 150. Key/lamp is not required.	
xx SSC yyyy	System Speed Call controller key Where: yyyy = SSC list number = 0-4095. SSC list must be defined in LD 18.	
xx SSU yyyy	System Speed Call User key Where: yyyy = SSC list number = 0-4095. SSC list must be defined in LD 18.	
xx TAD	Time and Date key For SL-1 sets only, must have CLS = ADD or DDS, cannot be key 0.	
xx THF	Centrex Trunk Switch Hook Flash key	

LD 11

Prompt	Response	Comment
	xx TRC	Malicious Call Trace key Key/lamp not required. MCT is applied on a TN basis. This key can be configured on ACD telephones. Allowed when CLS = MCTA.
	xx TRN	Call Transfer key
	xx USR	User Selectable Call Redirection key
	xx UST	User Status key(must have UST = YES in LD15 and UST = YES in LD 23)
	xx VCC yyyy	Voice Call key Where: yyyy = Single appearance DN. Not available on M3000 telephones.
	xx WUK	Guest entry of automatic Wakeup key (Key/lamp pair is required)
KLS	1-7	Number of key/lamp strips, including add-on key/lamp modules. Prompted if TYPE = SL-1
LDN	(NO)	Departmental Listed Directory Number (LDN) is not activated for this set
	0-5	Departmental LDN as defined in LD 15
LHK	(0)-7 (0)-59 (0)	Last Hunt Key number limit For M2008 For M2616, varies with number of add-on modules No Last Hunt Key or remove Last Hunt Key (used for Internal/External Short Hunt)
LNRS	4-(16)-31	Last Number Redial Size Enter the maximum number of digits that can be stored. Valid entries are 4, 8, 12, (16), 24, 28, or 31. Invalid entries are rounded up to the next valid entry.
LPK	(0)-5 (0)-7 (0)-59	Line Preference Key limit (last key scanned for Automatic Line Preference) For M2006 For M2008 For M2616, varies with number of add-on modules
LTN	1-253 0-15	Logical TN and AUX link number

Prompt	Response	Comment
		This prompt appears when CLS = IMA and the valid APL link is defined in LD15.
MARP	(NO) YES	Multiple Appearance Redirection Prime Use TN as the Multiple Appearance DN Redirection Prime. The MARP prompt, or MARP information, appears following the DN KEY designation, and is associated with those DN assignments.
MAUT	(NO) YES	Modify Authorization Codes for this telephone This prompt appears with Station Specific Authorization Codes (SSAU) package 229 and CLS = AUTR.
MIN	x...x	Mobile Identification Number for a portable. Length is 10 BCD Digits.
MLWU_LANG		Language choice for Automatic Wakeup (AWU) calls. This entry defines the language presented for the Automatic Wakeup Recorded Announcement (RAN), for language 0 through 5 as follows:
	(0)	See RAN1/RAN2 in LD 15
	1	See LA11/LA12 in LD 15
	2	See LA21/LA22 in LD 15
	3	See LA31/LA32 in LD 15
	4	See LA41/LA42 in LD 15
	5	See LA51/LA52 in LD 15
	X	Remove entry
MOD	(NO) YES	Mode Network is required for Meridian Programmable Data Adapter Modem synchronizes to clock in external device, such as QMT21
MPHI	(NO) YES	Meridian Communications Unit used as MPH interface Prompted if TYPE = MCU.
MPR	0-511	Modem Pool Route number

LD 11

Prompt	Response	Comment
NAME	aaaa,bbbb	Calling Party Name Display name First name comma Last name. For example, John Doe is entered as John,Doe. The first single comma is treated as the delimiter. Up to 27 characters (including the comma) may be input. The last occurrence of the first comma group serves as the name delimiter and is translated into a space between the first and last name.
	aaaa	When the delimiter is omitted, the input is stored as a first name.
	aaaa,	When the delimiter follows the input, the input is stored as the first name.
	,bbbb	When the delimiter precedes the input, the input is stored as a last name.
NCOS	(0)-99	Network Class of Service group
OHID	(0)-9	Off-Hook Alarm Security DN index for off-hook or interdigit timeout. When a dial tone or interdigit timeout occurs on a set with Alarm Security Allowed (ASCA) Class of Service, the set is intercepted to a predefined DN. Enter the index number (0)-9 of the DN defined by LD 15 prompts ODNx.
OPE	(NO) YES	Change data port Operating Parameters
PAR	(SPAC) EVEN ODD MARK	Space Parity Even Parity Odd Parity Mark Parity
PBDO	(OFF) ON	Port Busy when DTR off Disabled Key 7 is automatically assigned as the Make Set Busy (MSB) key Switching to any other mode will force PBDO to OFF. Prompted if TYPE = R232 in operating modes 8 or 12.
PLEV	0-(2)-7	Priority Level, prompted with Priority Override/Forced Camp-On (POVR) package 186. 2 = set can override sets of level 1 and 2, and can be overridden by sets of level 2-7.

Prompt	Response	Comment
POS	xxxx	ACD position ID. Prompted when SFMT = AUTO, TNDN, TN or DN.
PRI	(1)-48 (1)-32	Priority level for Automatic Call Distribution (ACD) agent Valid range for machine types STE, NT, RT, XT, and system Options 21E, 51, 51C, 61, 61C, 71, 81 and 81C. Valid range for all other system options. The agent with the lowest number assigned has the highest priority and is the first ACD agent to receive calls. (Where Priority 1 has the highest priority level). PRI is prompted with Automatic Call Distribution, Priority Agent (PAGT) package 116 and CLS = AGN or SPV.
PRM	(ON) OFF	Prompt for terminal or host mode Terminal or Keyboard dial mode, prompts are output by data unit Host mode prompts are not output by data unit
PSDS	(NO) YES	Public Switched Data Service option With PSDS = YES, transmission will be synchronous and the baud will be 56K or 64K. 56K is the default.
PSEL	(DMDM)	Protocol Selection, DM-DM or T-link DMDM is used by Meridian 1 data devices such as ASIM, AIM, ADM, SADM, Asynchronous Data Option or ADO, and MPDA. MCA can use both protocols.
	TLNK	TLNK protocol is used by SL-100 and DMS data devices This prompt appears if DTAO = MCA, or TYPE = MCU
RCO	(0)-2	Ringing cycle option for Call Forward No Answer This prompt appears when CLS = FNA or MWA (or both)
REQ:		Request A colon following a prompt indicates enhanced processing. Enhanced Processing allows a user to either view a list of possible responses or input an abbreviated response.
	?	To get a list of possible responses
	CHG	Change existing data block
	CPY 1-32	Copy or create 1 to 32 new station data block(s) automatically from the specified station data block.

LD 11

Prompt	Response	Comment
	END	Exit overlay program
	MOV	Move data block from one TN to another.
	MOV PAIR	Move voice TN and data TN data blocks on Digital Line Card
	NEW	Add new data block to the system
	OUT	Remove data block
		Before removing an ACD agent telephone, first remove the associated AGT key on the supervisor's telephone. Select OUT and then NEW when switching resources between virtual and actual ACD DNs, to avoid unwanted information on ACD-D reports.
		Note: This load is linked with LDs 11, 20 and 32. You may enter one of the responses listed below to the REQ: prompt. Then go to that Load and follow its Prompts and Responses sequence. See "Overlay programs 10, 11, 20 and 32 are linked, thus eliminating the need to exit one Overlay and enter another. Once one of the above Overlays has been loaded it is possible to add, print and get the status of a set without having to exit one Overlay and load another." on page 81 for further information.
		LD 32: CDSP CMIN CONV CPWD DISC DISI DISL DISN DISS DISU DSCT DSPS DSXP ENCT ENLC ENLG ENLL ENLN ENLS ENLU ENPS ENXP IDC IDCS IDU LBSY LDIS LIDL LMNT PBXT SDLC STAT SUPL TRK XNTT XPCT XPEC
		LD 20: LTN LUC LUDU LUU LUVU PRT
		LD 10: CHG CPY MOV NEW OUT
RNPG	(0)-4095	Ringing Number Pickup Group Valid range To remove a telephone from a group, enter 0 in response to the RNPG prompt.
RTS	(ON) OFF	Request To Send applies only to asynchronous mode.
SCI	(0)-7	Station Category Indication priority level The station category number 1 to 7 must be defined as attendant console Incoming Call Indicator. LD 15 prompt ICI = CA1-CA7.
SCPW	xxxx	Station Control Password

Prompt	Response	Comment
		Must equal Station Control Password Length (SCPL) as defined in LD 15. Not prompted if SCPL = 0. Precede with X to delete.
SECOND_DN		Second DN sharing the Voice Mailbox
	x...x	Second Directory Number. This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
	X	Deletes the second directory number
SFMT		Select one of the following formats for the copy command. The DN may be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
TNDN		Manual selection of TNs and DNs or ACD position IDs for ACD telephones.
		The TN and DN or POS for ACD set prompts repeat n times as specified under the CPY n command.
	TN	I s c u TN of new set
	DN	xxxx DN of new set
	POS	xxxx ACD position ID of new set
TN		The new DNs or ACD position IDs for ACD telephones are provided by the system. You are prompted for the starting TN and DN or ACD position ID for ACD telephones and each TN.
		The TN prompt repeats n times as specified under the CPY n command.
	TN	I s c u TN of new set
	DN	xxxx DN of new set
	POS	xxxx ACD position ID of new set
DN		The new TNs are provided by the system. You are prompted for the starting TN and each DN or ACD position ID for ACD telephones.
		The DN or POS for ACD sets prompt repeats n times as specified under the CPY n command.
	TN	I s c u TN of new set
	DN	xxxx DN of new set
	POS	xxxx ACD position ID of new set
AUTO		The new TNs and DNs or ACD position IDs for ACD telephones are provided by the system. You are prompted for the starting TN and DN or ACD position ID for ACD telephones.
	TN	I s c u TN of new set
	DN	xxxx DN of new set
	POS	xxxx ACD position ID of new set

LD 11

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Prompt	Response	Comment
SGRP	(0)-999	Scheduled Access Restriction group number This prompt appears with Scheduled Access Restrictions (SAR) package 162. Must have group defined in LD 88.
SPID	x...x	Supervisor Position ID DN SPID is prompted for ACD packages B, C, and D when CLS = AGN. SPID can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
SPWD	xxxx	Secure Data Password This prompt appears only if the password is defined in LD 15. If the password is not entered, the security codes will not print when PRT is requested.
SSU	0-4095	System Speed Call List number Precede Speed Call list with X to delete.
TEN	1-511	Tenant number This prompt appears if Multi-tenant is configured for the customer.
TGAR	0-(1)-31	Trunk Group Access Restriction: The default of (1) automatically blocks direct access.
THIRD_DN	x...x	Third DN sharing the Voice Mailbox Third Directory Number. This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
	X	Deletes the third directory number
TN	c u	Terminal Number. The TN defines the location of the telephone set. TN appears when REQ = NEW, CHG, MOV, MOV PAIR or OUT. Ranges are: c = 1,3,5,7,8,9,10,11,13,15,17,18,19 ; u = 0-31 Note: Units on Card 10 must be type = 2008 cls = VMA Units 0-23 on all other cards are cls = VCE Units 24-31 are cls = DTA
TOTN	c u	To Terminal Number General TN format This prompt appears when REQ = MOV or MOV PAIR.

Prompt	Response	Comment
TOV		Timeout Value for the Data port, for M2006, M2008, M2216 and M2616 data port only
	(0)	No Timeout
	1	15 minutes
	2	30 minutes
	3	60 minutes
TRAN		Port transmission type for the data port on M2006, M2008, M2216, M2616 telephones
	(ASYN)	Asynchronous data transmission
	SYN	Synchronous data transmission
		Asynchronous data modules cannot be set as synchronous. An MMPO with DTAO, MPDA, or MMPO supports SYN.
TYPE:		Type of data block
		A colon following a prompt indicates Enhanced Processing. Enhanced Processing allows a user to either view a list of possible responses or input an abbreviated response.

Note: LD 11 is linked with LDs 10, 20 and 32. You may enter any of the response options listed for the TYPE prompt in LDs 10 and 20 or any of the commands listed in LD 32. See [“Overlay programs 10, 11, 20 and 32 are linked, thus eliminating the need to exit one Overlay and enter another. Once one of the above Overlays has been loaded it is possible to add, print and get the status of a set without having to exit one Overlay and load another.” on page 81](#) for further information.

?	To get a list of possible responses
2006	M2006 Digital telephone. Rel 15 & later; 1 DN per set.
2008	M2008 Digital telephone.
2009	M2009 Digital telephone.
2016	M2009 Digital telephone
2018	M2018 Digital telephone.
2112	M2112 Digital telephone.
2216	M2216 Digital ACD telephone.
2616	M2616 Digital telephone.

LD 11

Prompt	Response	Comment
	CARDMLT	Multi-line Telephone Line Card.
	MCU	Meridian Communications Unit.
	OOSMLT	Out of Service Multi-Line Terminal Unit. Entering OOSMLT allows the administrator to mark any unit, regardless of card density or type, "Out of Service".
V25	(NO) YES	V.25 bis option, synchronous mode only.
VLL	(OFF) ON	Virtual Leased Line
VMB	NEW CHG OUT	Voice Mailbox Add Voice Mailbox Change Voice Mailbox Remove Voice Mailbox This prompt appears with Voice Mailbox Administration (VMBA) package 246.
VMB_COS	0-127	Voice Mailbox Class of Service Valid range
WIRE	(OFF) ON	Wire test. Prompted if TYPE = R232 or R422. Wire test disabled System automatically tests wiring/cabling when DAC installed.
XLST	(0)-254	Pretranslation group associated with this station. Valid range
XPLN	xx	Expected name length

LD 12—Attendant Consoles

This program allows data blocks for attendant consoles to be created or modified.

When the overlay is loaded the available system memory and disk records are output in a header as follows:

```
ATT000
MEM AVAIL: (U/P): xxxxxx USED: xxxxx TOT: xxxxxxxx
DISK RECS AVAIL: xxx
```

Incremental Software Management (ISM) also provides a header to indicate system configuration limits. For LD 12, the header appears as follows:

```
TNS AVAIL: xxxxx USED: xxxxx TOT: xxxxx
```

Prompts and responses

Prompt	Response	Comment
REQ	aaa	Request (aaa = CHG, END, MOV)
TYPE	a...a	Type of data block (a...a = 1250, 2250, ATT, or PWR)
TN	c u	Terminal Number (c u ranges are defined on page 139)
SETN	c u	Second Terminal Number (c u ranges are defined on page 139)
CDEN	aa	Card Density of Second Terminal Number (aa = SD or DD)
TOTN	c u	To Terminal Number (c u ranges are defined on page 139)
CUST	(0)	Customer number
ANUM	1-63	Attendant Number
ALPD	(NO) YES	Alphanumeric Display
DLEN	xx	Display Length (aa = (8) or 16)
SSU	yyyy	System Speed Call User list number
ICDR	(ICDD) ICDA	Internal Call Detail Recording (Denied) Allowed
- ABAN	(ABDD) ABDA	Abandoned call record and time to answer (Denied) Allowed
CPND	(CNDD) CNDA	Call Party Name Display feature (Denied) Allowed
- DNDI	(DNDD) DNDA	Dialed Name Display (Denied) Allowed
LANG	(00)-15	Language to download to M2250 on Sysload
EBLF	(BLFD) BLFA	Enhanced Busy Lamp Field (Denied) Allowed
SGRP	(0)-999	Scheduled Access Restriction Group number
AADN	xxxx	Attendant Alternate Answering DN
KEY	xx aaa yyyy	Key (KEY responses begin on page 136)

Alphabetical list of prompts

Prompt	Response	Comment
AADN	x...x	Attendant Alternate Answering DN This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. The DN must be a valid station DN or ACD DN. This prompt appears with Attendant Alternative Answering (AAA) package 174.
ABAN	(ABDD) ABDA	Abandoned call record and time to answer Denied Abandoned call record and time to answer Allowed ABDA generates a B-Record in CDR reports. Refer to the <i>Call Detail Reporting</i> NTP for more information. ABAN appears with New Format Call Detail Recording (FCDR) package 234.
ALPD	(NO) YES	Alphanumeric Display QCW3 Attendant Console QCW4 Attendant Console This prompt appears when TYPE = ATT.
ANUM	1-63	Attendant Number
CPND	(CNDD) CNDA	Call Party Name Display feature Denied Call Party Name Display feature Allowed Prompted when TYPE = 1250/2250 and has Calling Party Name Display (CPND) package 95 and OPT = IDP in LD 15.
CUST	(0)	Customer number
DLEN	(8) 16	Display Length QCW2 Attendant Console QCW3 or QCW4 Attendant Console Prompted when TYPE = ATT. DLEN applies for only a QCW type console.
DNDI	(DNDD) DNDA	Dialed Name Display Denied Dialed Name Display Allowed Prompted if TYPE is 1250/2250 and CPND = CNDA.
EBLF	(BLFD) BLFA	Enhanced Busy Lamp Field Denied Enhanced Busy Lamp Field Allowed

LD 12

Prompt	Response	Comment
		Prompted when TYPE = 1250/2250 and OPT = IBL or ILF in LD 15.
ICDR	(ICDD) ICDA	Internal Call Detail Recording Denied Internal Call Detail Recording Allowed ICDA generates an L-Record in CDR reports. Refer to the <i>Call Detail Reporting</i> NTP for more information. ICDR is prompted with Internal Call Detail Recording (ICDR) package 108.
KEY	xx aaa yyyy	Console Key. Where: • xx = key number 0-9 for QCW consoles, 0-19 for M1250 and M2250 consoles • aaa = key name or function • yyyy = additional information required for the key
	xx ADL yy z...z	Autodia key. Where: • xx = key number • yy = maximum length of the ADL DN. The maximum length is 31 digits. • z...z = actual Autodial DN is optional
	xx BKI	Break-In key
	00 BVR	Allow Busy Verify on key 0.
	xx CHG	Charge account key
	xx COS	Controlled Class of Service key
	xx CPN	Calling Party Number key
	xx DCW	Display Call Waiting key
	xx DDL	Do Not Disturb Individual key
	xx DDT	Display Date key
	xx DPD	Display Destination key
	xx DPS	Display Source key
	xx DRC	DID Route Control key

Prompt	Response	Comment
xx DTM		Display Time key
xx EES		End-to-End Signaling key (cannot be key 0 or 1)
xx GND yy		Group Do Not Disturb key Where: yy = group number = 0-99
xx MCK		Message Cancellation Key. Turns off indication at a telephone.
xx MDT		Maintain Change/Display Date key
xx MIK		Message Indication Key Turns on indication at a telephone.
xx MTM		Maintain Change/Display Time key
xx NAS		Network Attendant Service key
xx NUL		Remove feature or function from key
xx PAG yyyy		Paging key Where: yyyy = Route Access Code. This number can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. The route must be defined in LD 16.
xx PRG		Attendant Administration Program key
xx PRK		Call Park key
xx RDL		Redial stored number
xx RFW		Attendant Remote Call Forward key
xx RTC		Routing Controls key This key will activate the NCOS map defined in LD 86. Must have Network Class of Service (NCOS) package 32.
xx SACP		Semi-Automatic Camp-On key Must have Semi-Automatic Camp-On (SACP) package 181.

LD 12

Prompt	Response	Comment
	xx SCC yyyy	Speed Call Controller key Where: yyyy = list number = 0-8190.
	xx SECL	Series Call key Must have Series Call (SECL) package 191
	xx SSC yyyy	System Speed Call controller key Where: yyyy = list number = 0-4095.
	xxTHF	Trunk Switch Hook Flash key
	xx TRC	Malicious Call Trace key Must have Malicious Call Trace (MCT) package 107.
LANG	(00)-15	Language to download to M2250 on Sysload Language choices: • (00) - English • 01 - French • 02 - Spanish • 03 - German • 04 - Italian • 05 - Norwegian • 06 - Gaelic • 07 - Turkish • 08 - Katakana • 09 - People's Republic of China • 10 - Taiwan • 11 - Korean • 12 - Polish • 13 - Czech/Slovak • 14 - Hungarian • 15 - No language assigned
REQ	CHG	Request
	END	Change existing data
	MOV	Exit overlay program
	NEW	Move from one TN to another. CAUTION: There is a possibility of data corruption when consoles are moved using this response.
		Add new data to the system

Prompt	Response	Comment
SETN	c u	Second Terminal Number General TN format SETN must have same card as the primary TN .
SGRP	(0)-999	Scheduled Access Restriction (SAR) Group number Prompted with SAR package 162. Must have group defined in LD 88.
SSU	yyyy	System Speed Call User list number Where: yyyy = 0-4095.
TN	c u	Terminal Number. The TN defines the location of the console. The range values are as follows: c = 1,3,5,7,8,9,11,13,15,17,18,19; u = 0-23.
TOTN	c u	To Terminal Number General TN format For Meridian: c u = card, unit TOTN is prompted when REQ = MOV. TOTN cannot be a phantom loop.
TYPE		Type of data block
	2250	M2250 Console data block M2250 requires an ISDL Card or a Digital Line Card.
	PWR	Power data block TN used for power or Attendant Supervisory Module (ASM). Third and fourth TNs used for power, or third TN for ASM and fourth and fifth TNs used for power.

LD 12

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LD 13—Digitone Receivers, Tone Detectors, Multifrequency Senders and Receivers

This program enables the administrator to create or modify data blocks for the following:

- Digitone Receivers (DTR)
- Multifrequency Receivers (MFR)

These cards are used by 2500-type telephones and trunks that send DTMF tones to the system, and by MF trunks to send MF tones to the system. All 2500 sets and some trunks must have Class of Service (CLS) defined as Digitone (DTN).

When the overlay is loaded the available system memory and disk records are output in a header as follows:

```
DTR000
MEM AVAIL: (U/P): xxxxxx  USED: xxxxx  TOT: xxxxxxxx
DISK RECS AVAIL: xxx
```

Incremental Software Management (ISM) also provides a header to indicate system configuration limits. For LD 13, the header appears as follows:

```
TNS AVAIL: xxxxxx  USED: xxxxx  TOT: xxxxx
```

LD 13

Prompts and responses

Prompt	Response	Comment
REQ	aaa	Request (aaa = CHG, END, MOV, NEW, or OUT)
TYPE	a...a	Type of data block (a...a = MFR)
TN	c u	Terminal Number (c u ranges are defined on page 143)
TOTN	c u	To Terminal Number (c u ranges are defined on page 143)

Alphabetical list of prompts

Prompt	Response	Comment
REQ	CHG END MOV	Request Change existing data Exit overlay program Move from one TN to another CAUTION: There is a possibility of data corruption when Digitone Receivers are moved using this response.
	NEW OUT	Add new data to the system Remove information from data block
TN	c u	Terminal Number
TOTN	c u	To Terminal Number
TYPE		Type of data block
	DTR	Digitone Receiver data block
	MFR	Multifrequency Receiver data block MFR applies to Feature Group D. Up to 255 MF Receivers can be defined. Only units 0 and 1 can be used. Feature Group D (FGD) package 158 is required.

LD 13

Page 144 of 848 Alphabetical list of prompts

LD 14—Trunk Data Block

This program allows data blocks for trunks to be created or modified.

When the Overlay is loaded the available system memory and disk records are output in a header as follows:

```
TRK000
MEM AVAIL: (U/P): xxxxxx USED: xxxxx TOT: xxxxxxxx
DISK RECS AVAIL: xxx
TNS AVAIL: (U/P): xxxxxx USED: xxxxx TOT: xxxxxxxx
```

Incremental Software Management (ISM) also provides a header to indicate system configuration limits. For LD 14, the header appears as follows:

```
TNS AVAIL: xxxxx USED: xxxxx TOT: xxxxx
```

After making any changes to the trunk data block, IPE trunk cards must be downloaded with **ENLC c** command in LD 32.

Inputting one asterisk will cause the system to reissue the last prompt, and two asterisks will cause a restart of the Overlay at REQ.

Prompts and responses

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, MOV, LCHG, NEW x, or OUT x)
TYPE	a...a	Type of data block (TYPE responses begin on page 157)
T_TN	l ch	Loop number and channel for tandem PRI connection
- IPRI	l ch	Loop number and channel for incoming PRI channel
- OPRI	l ch	Loop number and channel for outgoing PRI channel
TN	c u	Terminal Number (c u ranges are defined on page 157)
DES	x...x	Designator field for trunk (0-16 character alphanumeric)
CDEN	aa	Card Density (aa = 4D)
XTRK	a...a	Extended Trunk (a...a = EXUT)
FWTM	(NO) YES	Firmware Timing for trunk hook flash
SXS	(NO) YES	Step-by-step CO trunk
TOTN	c u	To Terminal Number
SIGL	aaa	Level 3 Signaling
CUST	0	Customer number
SFEX	(NO) YES	Special digital FEX trunk
NCOS	xx	Network Class of Service group
RTMB	0-127 1-254	Route number, Member number
PRDN	xxxx	Private Line Directory Number
CMF	(NO) YES	Call Modification Features restriction
NGRP	(0)-9	Night Service Group number
NITE	xxxx	Night Service directory number
ATDN	xxxx	Auto Terminate DN
AST	(NO) YES	Associated trunk for CTI Trunk Monitoring and Control.
IAPG	(0) - 15	Event Group for USM message.
MNDN	xxxx	Manual Directory Number
TGAR	0-(1)-31	Trunk Group Access Restriction
SIGL	aaa	Trunk Signaling (SIGL responses begin on page 153)
XDIC	aaa	Outpulsing for DIC trunks (aaa = (MUT) or NOR)
EMTY	aaa	E & M Type (aaa = (TY2), TY1, or BPO)

CPAD	a...a	Carrier Pad out or Carrier Pad in for 4-wire E & M duplex trunks (a...a = (COUT) or CIN)
LDOP	a...a	Loop Dial Outpulsing (a...a = (LOOP) or BOP)
TIMP	x...x	Termination Impedance
BIMP	a...a	Balance Impedance (a...a = (3COM), 600, 900, or 3CM2)
STRI	a...a	Start arrangement Incoming (a...a = DDL, IMM, OWK, PTSD, SACK, RT, or WNK)
STRO	a...a	Start arrangement Outgoing (a...a = DDL, IMM, OWK, PTSD, SACK, RT, or WNK)
SUPN	(NO) YES	Answer and disconnect Supervision required
- STYP	a...a	Supervision Type (a...a = ARF, BAT, BST, BTS, JDID, JCO, LBS, PIP, and PSP)
CLS	a...a	Class of Service (CLS responses begin on page 148)
FCAR	(NO) YES	Forced Charge Account
ADID	xxxx	AIOD four-digit Trunk Identifier
CFLP	0-159	Music Conference Loop

Alphabetical list of prompts

Prompt	Response	Comment
AST	(NO) YES	Associated trunk for CTI Trunk Monitoring and Control.
ATDN	x...x	Auto Terminate DN This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. A Group Hunt pilot DN can be entered. If a DNIS route is defined, then the response can only be an ACD DN. If no DN is assigned, the NITE number of the trunk will be used. Must have AUTO = YES in LD 16.
BIMP	(3COM) 600 900 3CM2	3-component Complex Impedance Not prompted for RAN which exclusively uses 600 Not prompted for XEM trunks For XUT trunks, the Termination Impedance (TIMP) must be compatible with the Balance Impedance (BIMP). See prompt TIMP for allowed combinations of BIMP/TIMP. When using the Enhanced Universal Trunk card , only 600 or 900 Ω terminating impedance is allowed. However, more Terminating and Balance Impedance (BIMP) combinations are available. The Terminating and Balance Impedance options are listed below. <u>TIMP</u> <u>BIMP</u> 600 600 600 3COM 900 3COM 900 900 900 3CM2 600 3CM2
CFLP	29,30,31,62	Music Conference Loop
CLS		Class of Service options for trunks. Defaults are shown in parantheses. Enter each non-default option required, followed by a space. (APN) ACD Priority not required APY ACD Priority required

Prompt	Response	Comment
		Applies only to COT, WAT, DID and FEX trunks.
(DIP)	Dial Pulse	
DTN	Digitone	
MFR	Multifrequency Receiver for Feature Group D	
(ECD)	Echo Canceling Denied	
ECA	Echo Canceling Allowed	
		ECA indicates Echo suppression equipment is connected to trunk.
(LNT)	Loop Start Non-supervisory Trunk	
JDID	Japan DID (JDID not valid for XCOT trunks)	
JCO	Japan CO capabilities allowed. JCO should only be accepted with SIGL = LOP. Japan PSTN trunks, (QPC686), not allowed for XUT/XEM.	
		Answer NO to prompt SUPN for an unsupervised trunk, instead of using LNT. For supervised trunks answer YES to SUPN then enter the appropriate supervision type at prompt STYP.
(LPR)	Low Priority	
HPR	High Priority	
		DID and TIE trunks should use HPR and be installed in card slot 1. Superloops do not require any trunks assigned as high priority.
(MID)	Manual Incoming Denied	
MIA	Manual Incoming Allowed	
		Make-break ratio for dial pulse dialing
(P10)	10 pulses per second	
P12	(see explanation below)	
P20	20 pulses per second	
		All three make-break ratios can be set for XUT, XUTJ and XEM trunks. See prompts P10R, P12R and P20R in LD 97.
		Use P10 for PPS1 and P12 for PPS2 XUT/XEM trunks. P12 applies only to XUT, XUTJ and XEM trunks.
(THFD)	Centrex Switchhook Flash Denied	
THFA	Centrex Switchhook Flash Allowed	

LD 14

Prompt	Response	Comment
	(TRC)	Transmission Class of Service
	NTC	Transmission Compensated
	VNL	Non-Transmission Compensated
		Via Net Loss
		The default depends on the signaling type (SIGL)
		• DX2 = VNL • DX4 = VNL • EAM = VNL • EM4 = VNL • GRD = NTC • LDR = NTC • LOP = NTC • OAD = NTC
		VNL Class of Service is allowed with Universal Trunk Tie trunks.
		• NTC and VNL are equivalent to TIE designation • TRC is equivalent to LINK designation • TIE = PBX-PBX connections via leased line • LINK = PBX-PBX connections on-premises
	(CTD)	Conditionally Toll Denied. CTD is the default for trunk types: TIE, CSA, ATVN, FGD, and IDA
	CUN	Conditionally Unrestricted
	FR1	Fully Restricted class 1
	FR2	Fully Restricted class 2
	FRE	Fully Restricted
	SRE	Semi-Restricted
	TLD	Toll Denied
	UNR	Unrestricted. Only UNR is allowed for CO, FX and WATS trunks. UNR is the default for all trunk types <i>except</i> : TIE, CSA, ATVN, FGD, and IDA
	(WTA)	Warning Tone Allowed
	WTD	Warning Tone Denied
CMF		Call Modification restriction
	(NO)	Call Modifications allowed
	YES	Call Modifications not allowed

Prompt	Response	Comment
CPAD	(COUT) CIN	Carrier Pad Out for 4-wire E & M duplex trunks Carrier Pad In for 4-wire E & M duplex trunks With CPAD = CIN, a 7 dB pad attenuates the trunk input and a 16 dB pad attenuates the trunk output.
CUST	0	Customer number
DES	x...x	Designator field for trunk groups of 0-16 alphanumeric characters (DES is an optional entry)
EMTY	(TY2) TY1 X	E & M Type 4-wire E&M Type 2 4-wire E&M Type 1 Precede with X to delete
FCAR	(NO) YES	Forced Charge Account
FWTM	(NO) YES	Firmware Timing for Trunk Hook Flash is not used by the card Firmware timing for Trunk Hook Flash is used by the card This prompt appears if Collect Call Blocking (CCB) package 290, Malicious Call Trace (MCT) package 107 or Trunk Hook Flash (THF) package 157 are enabled.
IAPG	(0) - 15	Event Group for USM message.
IPRI	I ch	Incoming PRI channel This is the PRI channel through which the Meridian 1 gains access to the PSPDN. Where: • Loop = PRI loop number • Channel = PRI channel that holds the incoming nailed up connection (between 1-23)
LDOP	(LOOP) BOP	Loop Dial Outpulsing Loop outpulsing for Loop Dial Repeating signalling Battery Outpulsing for Loop Dial Repeating signalling
MNDN	x...x	Manual Directory Number This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. A Group Hunt pilot DN can be entered. CLS should be MIA.

LD 14

Prompt	Response	Comment
MTN	c u	This Modern Terminal Number can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. A Group Hunt pilot DN can be entered. CLS should be MIA.
NCOS	(0)-99	Network Class of Service group
NGRP	(0)-9	Night Service Group number NGRP appears when ENS = YES in LD15. This prompt replaces the NITE prompt. If ENS is changed from NO to YES while Night Service is in effect, the system verifies that the NITE number defined is a group number or a DN. If a night DN or 0000 is defined, the existing NITE number is used.
NITE	x...x	Night Service directory number This DN can be up to 4 digits, up to seven digits with Directory Number Expansion (DNXP) package 150. A Group Hunt pilot DN can be entered. Night Service applies to trunks terminating at the attendant. This prompt takes precedence over the NITE and NIT1-NIT4 prompts in LD 15. If a DN is defined here, the call goes to this DN. If there is no DN here, the call goes to the defined LD 15 NITE prompts. Precede with X to remove.
OPRI	I ch	Outgoing PRI channel (the PRI channel through which the Meridian 1 gains access to the PSPDN) Where: Loop = PRI loop number and Channel = PRI channel that holds the outgoing nailed up connection (between 1-23).
PRDN	x...x	Private Line Directory Number PRDN must be defined in LD 11. This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.

Prompt	Response	Comment
REQ		Request
	CHG	Change existing data block
	END	Exit overlay program
	LCHG	Print date and time that a trunk data block was last changed. The change can be the result of a NEW, OUT, or CHG command.
	MOV	Move data block from one TN to another. MOV cannot be used to move a Phantom TN.
	NEW x	Add new data block to the system. Follow NEW with a value of 1-255 to create that number of consecutive trunks. You are not allowed to create more than one Phantom TN at a time. When a value different than 1 is entered for the creation of a Phantom TN, it is simply ignored and only one TN is created.
	OUT x	Remove data block. Follow OUT with a value of 1-255 to remove that number of consecutive trunks.
RLDN	x...x	Release Link trunk Directory Number This DN can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
RTMB	0-127 1-254	Route number and Member number B-Channel Signaling is output if CHTY = BCH in LD 16. A/B Bit Signaling is output if CHTY = ABCH in LD 16. To use the ISDN Semi Permanent Connection (ISPC) link, this entry must be an ISL TIE route.
SFEX	(NO) YES	Special digital FEX trunk This is used on Digital Trunk Interface (DTI).
SIGL		Level 3 signaling
	DX2	2-wire duplex
	DX4	4-wire duplex. The Enhanced Universal Trunk card uses DX4 signaling.
	EAM	E&M 2-wire
	EM4	E&M 4-wire
	GRD	Ground start
	LDR	Loop Dial Repeating
	LOP	Loop start
	OAD	Outgoing Automatic, incoming dial

LD 14

Prompt	Response	Comment
STRI		Start arrangement Incoming Your response to STRI determines which type of signaling will be used by the trunk to initiate digit sending or collection. Your STRI response should reflect the type of operation in use at the near end.
DDL		Delayed Dial The terminating trunk returns an off-hook to the originating trunk, which is interpreted as an instruction not to send digits immediately. This delay allows the terminating end to find and attach digit collections equipment. When the equipment is attached, the terminating end returns on-hook which is interpreted as a signal to start sending digits. For this application on incoming calls, the Meridian SL-1 sends a non-programmable 256-384 ms pulse. For outgoing calls, the Meridian SL-1 expects a delay-dial pulse from the far end to terminate before sending digits. Some types of delay-dial operation can also be accommodated by the IMM option.
IMM		Immediate The terminating trunk is not expected to return a pulse telling the originating end to begin sending digits. In this application for incoming calls, the Meridian SL-1 returns a 256-384 ms off-hook/on-hook wink to the far end. This wink accommodates certain types of delay-dial operation. For outgoing calls, the Meridian SL-1 starts a 300 ms timer when the outgoing trunk is seized. Digits are sent out when an off-hook/on-hook wink returned from the far end ends, or when the 300 ms timer expires (whichever occurs first).
OWK		Off-Hook Wink for RLR trunks equipped with signaling converter This mode of operation is similar to wink except that the Meridian SL-1 waits one second after seizure before sending a wink start pulse. This arrangement applies only to release link remote trunks.

Prompt	Response	Comment
	WNK	Wink or Fast Flash The terminating trunk sends an off-hook/on-hook wink as in DDL operation. However, in WNK operation the pulse is interpreted as a signal that digit collection equipment has been attached. The pulse is expected to be of 140-290 ms duration. For this application, the Meridian SL-1 first waits 128-256 ms after seizure and then returns a 256 ms pulse to the far end. After this , the Meridian SL-1 is ready to collect digits. On outgoing calls, the Meridian SL-1 waits until the wink pulse is finished before sending digits.
STRO		Start arrangement Outgoing Your response to STRO determines which type of signaling will be used by the trunk to initiate digit sending or collection. Your STRO response should reflect the type of operation in use at the far end.
	DDL	Delayed Dial
	IMM	Immediate
	OWK	Off-Hook Wink for RLR trunks equipped with signaling converter
	WNK	Wink or Fast Flash
STYP		Supervision Type. STYP is prompted when SUPN = YES. For IPE equipment or with XUT/EXUT, only one of BST, PIP, JDID, or JCO will be accepted.
	BST	Both Supervised Trunk Incoming and Outgoing supervised LOP CO/FEX/WATS trunk. BST and PIP are mutually exclusive.
	(PSP)	Polarity Sensitive Pack. PSP is the default when SIGL = GRD. Outgoing supervised LOP or GRD start CO/FEX/WATS trunk
	(PIP)	Polarity Insensitive Pack. PIP is the default when SIGL = LOP. Outgoing supervised Loop start CO/FEX/WATS trunk. PIP and BST are mutually exclusive.

LD 14

Prompt	Response	Comment
SUPN	(NO) YES	Answer and disconnect supervision required For ground start trunks disconnect supervision is detected even if SUPN = NO. The operation of answer supervision is affected if Federal Communications Commission Compliance for DID Answer Supervision (FC68) package 223 is equipped. SUPN will automatically be prompted YES for DID LOP.
SXS	(NO) YES	Step-by-step CO trunk Only prompted for Universal Trunks XTRK or XUT when TYPE = CO. The central office reverses polarity on outgoing calls.
T_TN	I ch	Tandem PRI connection. Where: • Loop = PRI loop number • Channel = PRI channel that holds the outgoing nailed up connection (between 1-23) If the connection exists, both channels are displayed. Prompted if TYPE = TCON.
TGAR	0-(1)-31	Trunk Group Access Restriction The default of (1) automatically blocks direct access.
TIMP	(600) 900 1200	Termination Impedance. Prompted if XTRK = XEM or XUT. 600 ohms 900 ohms 1200 ohms Use 1200 ohms for RAN trunks and (600) or 900 for all others. When using the Enhanced Universal Trunk card , only 600 or 900 Ω terminating impedance is allowed. However, more Terminating and Balance impedance (BIMP) combinations are available.

Prompt	Response	Comment
--------	----------	---------

The terminating and balance impedance options are:

<u>TIMP</u>	<u>BIMP</u>
600	600
600	3COM
900	3COM
900	900
900	3CM2
600	3CM2

For XUT trunks, the Termination Impedance or TIMP must be compatible with the Balance Impedance or BIMP.

The following combination of BIMP/TIMP are allowed:

<u>Timp Impedance</u>	<u>Bimp Impedance</u>
600 ohms	3-component or 3com
900 ohms	3-component or 3com
600 ohms	600 ohms
1200 ohms	600 ohms

For XEM trunks, TIMP must be set to 600.

When CLS = JDID, TIMP must be set to 600.

TN	c u	Terminal Number c = 1,3,5,11,13,15; u = 0-3
	l ch	Loop and channel for digital trunks, where: • l = loop 1,3,5; ch = channel 1-24 for 1.5 Mb/s DTI/PRI
TOTN		To Terminal Number. TOTN is prompted when REQ = MOV. TOTN cannot be a phantom loop.
	c u l ch	General TN format New loop and channel for digital trunks.
TYPE	ADM	Add-on Data Module data block Data port interfacing with a data line card
	AWR	Automatic Wake Up RAN/Music trunk data block.
	CAA	Common Control Switching Arrangement (CCSA) Automatic Number Identification (ANI) trunk data block
	CAM	CAMA trunk data block
	COT	Central Office Trunk data block

LD 14

Prompt	Response	Comment
CSA	Common Control Switching Arrangement access line data block	
DIC	Dictation trunk data block	
DID	Direct Inward Dial trunk data block.	Per FCC regulations, DID trunks used in the U.S. must be properly designated for answer supervision. Refer to FCC Compliance for DID Answer Supervision in X11 features and services..
FEX	Foreign Exchange trunk data block	
FGDT	Feature Group D Trunk data block	
ISA	Integrated Services Access trunk data block. Also called Call-By-Call service trunk type.	There is no provision against the use of non-QPC237 trunk types for the analog ISA service route. Only TIE and ISA trunks are applicable for directly connecting SL-1 PBX to SL-1 PBX.
MCA	Meridian Communications Adapter.	
MCU	Meridian Communications Unit.	
MDM	Modem/Data Module data block.	Data port interfacing with QPC60 500/2500 type card.
MUS	Music trunk data block	
PAG	Paging trunk data block	
RAN	Recorded Announcement trunk data block	
RCD	Recorder trunk data block	
RLM	Release Link Main trunk data block	
RLR	Release Link Remote trunk data block	
TCON	Tandem Connection for MPH and PRI connections	
TIE	TIE trunk data block	

Prompt	Response	Comment
	WAT	Wide Area Telephone Service trunk data block
XDIC	(MUT)	Mute outpulsing for DIC trunks
	NOR	Normal outpulsing for DIC trunks
XTRK		Extended trunk. Prompted for superloops when defining the first unit.
	EXUT	Enhanced Extended Universal Trunk

LD 14

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LD 15—Customer Data Block

This program allows data blocks for customers to be created or modified. When the Overlay is loaded, the available system memory and disk records are output in a header as follows:

CDB000

MEM AVAIL: (U/P): xxxxxx USED: xxxxx TOT: xxxxxxxx

DISK RECS AVAIL: xxx

Overlay program 15 allows changes to be made by entering the desired gate opener mnemonic at the TYPE: prompt. The prompt sequence associated with that gate opener is then prompted in the usual manner. Once the end of the sub prompts has been reached, the Customer Data Block is updated and saved.

Enhanced input processing is applied to the REQ: and TYPE: prompts in LD 15. Thus, if the prompt ends with a colon a list of possible responses may be obtained by entering ? followed by a carriage return. The REQ: and TYPE: prompts also accept abbreviated responses, thus allowing the user to only enter the first three unique characters of the gateway name.

Prompts and responses

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Prompts and responses

Customer data block

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	CDB	Customer Data Block
CUST	0	Customer number
AML_DATA	(NO) YES	Change Application Module Link options (page 164)
ANI_DATA	(NO) YES	Change Automatic Number Identification numbers (page 165)
ATT_DATA	(NO) YES	Change Attendant Console options (see p. page 165)
CCS_DATA	(NO) YES	Change Controlled Class of Service options (page 166)
CDR_DATA	(NO) YES	Change CDR and Charge Account options (page 167)
FCR_DATA	(NO) YES	Change New Flexible Code Restriction options (see p. page 168)
FFC_DATA	(NO) YES	Change Flexible Feature Code options (page 168)
FTR_DATA	(NO) YES	Change Features and options (page 169)
IMS_DATA	(NO) YES	Change Intergraded Message Service options (page 170)
INT_DATA	(NO) YES	Change Intercept treatment options (page 170)
LDN_DATA	(NO) YES	Change Departmental Listed Directory Numbers (page 172)
MPO_DATA	(NO) YES	Change Multi-Party Options (page 173)
NET_DATA	(NO) YES	Change ISDN and ESN Networking options (page 174)
NIT_DATA	(NO) YES	Change Night Service options (page 176)
OAS_DATA	(NO) YES	Change Off-Hook Alarm Security options (see p. page 176)
PWD_DATA	(NO) YES	Change Customer related Passwords (page 177)
RDR_DATA	(NO) YES	Change Call Redirection (see p. page 178)
ROA_DATA	(NO) YES	Change Recorded Overflow Announcement options (page 179)
TIM_DATA	(NO) YES	Change Timers (page 180)
TST_DATA	(NO) YES	Change Test lines (page 181)

Note: This *Prompts and responses* table does not list prompts which appear under each gate opener. To find prompts which appear under a given gate opener, refer to the page listed in the *Comment* section of this table.

Default Customer Data Block

Prompt	Response	Comment
REQ:	NEW	Request = NEW
TYPE:	DEFAULT	Type = DEFAULT (Default Customer Data Block)
CUST	0	Customer number
ANI_DATA		Automatic Number Identification prompts are automatically output when adding a new customer
ANAT	x...x	ANI billing number for attendants making ANI calls
ANLD	x...x	ANI Listed DN

Data Block: AML (Application Module Link)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	AML_DATA	Application Module Link
CUST	0	Customer number
OPT	a..a	Options (OPT responses begin on page 209)
VSID	0-15	Value-Added Server Identifier
GP02	n n n n n n	Group 2 status events 1, 2, 3, 4, 5 or 6 assigned
GP03	n n n n n n	Group 3 status events 1, 2, 3, 4, 5 or 6 assigned
GP04	n n n n n n	Group 4 status events 1, 2, 3, 4, 5 or 6 assigned
GP05	n n n n n n	Group 5 status events 1, 2, 3, 4, 5 or 6 assigned
GP06	n n n n n n	Group 6 status events 1, 2, 3, 4, 5 or 6 assigned
GP07	n n n n n n	Group 7 status events 1, 2, 3, 4, 5 or 6 assigned
GP08	n n n n n n	Group 8 status events 1, 2, 3, 4, 5 or 6 assigned
GP09	n n n n n n	Group 9 status events 1, 2, 3, 4, 5 or 6 assigned
GP10	n n n n n n	Group 10 status events 1, 2, 3, 4, 5 or 6 assigned
GP11	n n n n n n	Group 11 status events 1, 2, 3, 4, 5 or 6 assigned
GP12	n n n n n n	Group 12 status events 1, 2, 3, 4, 5 or 6 assigned
GP13	n n n n n n	Group 13 status events 1, 2, 3, 4, 5 or 6 assigned
GP14	n n n n n n	Group 14 status events 1, 2, 3, 4, 5 or 6 assigned
GP15	n n n n n n	Group 15 status events 1, 2, 3, 4, 5 or 6 assigned

Data Block: ANI (Automatic Number Identification)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	ANI_DATA	Automatic Number Identification
CUST	0	Customer number
ANAT	x...x	ANI Attendant Billing number
ANLD	x...x	ANI Listed Directory Number

Data Block: ATT (Attendant Consoles)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	ATT_DATA	Attendant Consoles
CUST	0	Customer number
OPT	a...a	Options (OPT responses begin on page 209)
ATDN	(0)-x...x	Attendant Directory Number
NCOS	(0)-99	Network Class of Service for all attendant consoles for this customer
CWUP	(NO) YES	Call Waiting queue Update
CWCL	(0)-255 (0)-255	Call Waiting Call Limit
CWTM	(0)-511 (0)-511	Call Waiting Time
CWBZ	(NO) YES (NO) YES	Call Waiting Buzz
MATT	(NO) YES	Consoles used as Message Center
LFTN	c u	Lamp Field array Terminal Number
LFTN	c u	Second Lamp Field array Terminal Number
LFFD	x00...x00	First Directory Number of lamp field array
ATIM	(0)-126	Attendant Alternative Answering Timer
AQTT	1-(30)-255	Attendant Queue Timing Threshold in seconds
AODN	x...x	Attendant Overflow DN
SPVC	(0)-63	Supervisory Console
- SBLF	(NO) YES	Standard Busy Lamp Field
RTSA	aaaa	Recall To Same Attendant (aaaa = (RSAD), RSAA, or RSAX)
SACP	aaaa	Semi-Automatic Camp-On (aaaa = (NO), ALL, or SNGL)

LD 15

ABDN	(NO) YES	Activation of the Attendant Blocking of DN feature
IRFR	(NO) YES	Internal Attendant Remote Call Forward Password
- IRFP	x...x	Internal Attendant Remote Call Forward Password
XRFR	(NO) YES	External Attendant Remote Call Forward Password
- XRFP	x...x	External Attendant Remote Call Forward Password
AFNT	(0)-126	Attendant Forward No Answer Timer (must be an even number)
AFBT	(0)- <i>AFNT</i>	Attendant Forward Buzz Tone (Entry can be equal to or less than response to AFNT prompt and must be an even number)
ICI	0-19 aaaa	Attendant Incoming Call Indicators
RICI	xx xx...	ICI key numbers that may receive Recorded Overflow Announcement

Data Block: CCS (Controlled Class of Service)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	CCS_DATA	Controlled Class of Service
CUST	(0)	Customer number
CCRS	aaa	Controlled Class of Service (CCOS) Restricted Service (aaa = (UNR), CTD, FR1, FR2, FRE, SRE, or TLD)
ECC1	aaa	Enhanced Controlled Class of Service level 1 (aaa = (UNR), CTD, FR1, FR2, FRE, SRE, or TLD)
ECC2	aaa	Enhanced Controlled Class of Service level 2 (aaa = (UNR), CTD, FR1, FR2, FRE, SRE, or TLD)
CNCS	0-99	Network Controlled Class of Service for Electronic Lock
PELK	(NO) YES	Electronic Lock on Private Lines

Data Block: CDR (Call Detail Recording)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	CDR_DATA	Call Detail Recording
CUST	0	Customer number
CDR	(NO) YES	CDR for this customer
IMPH	(NO) YES	CDR for Incoming Packet data call
OMPH	(NO) YES	CDR for Outgoing Packet data call
AXID	(NO) YES	Auxiliary Identification output in CDR record
TRCR	(NO) YES	Carriage Return sent after each CDR message
CDPR	(NO) YES	Coordinated Dialing Plan Record option
ECDR	(NO) YES	End-to-End Signaling digits in CDR record
PORT	0-15	CDR port
- CNI	a...a	Calling Number Identification (a...a = (DGTS), CLID, or NONE)
CHLN	(0)-23	Charge account number Length
FCAF	(NO) YES	Forced Charge Account active
CHMN	(1)-CHLN	Minimum number of digits for FCA code (Entry can be equal to or less than response to prompt CHLN)
FCNC	0-99	FCA Network Class of Service

Data Block: FCR (Flexible Code Restriction)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	FCR_DATA	New Flexible Code Restriction
CUST	(0)	Customer number
NFCR	(NO) YES	Enable New Flexible Code Restriction
- MAXT	1-255	Maximum number of NFCR translation tables
- OCB1	(0) - (MAXT-1), 255	NFCR tree number to be used for OCB level. Your entry can be up to your response to the MAXT prompt minus 1 or 255. 255 is a special entry which disallows this level.
- OCB2	(0) - (MAXT-1), 255	NFCR tree number to be used for OCB level 2. Your entry can be up to your response to the MAXT prompt minus 1 or 255. 255 is a special entry which disallows this level.
- OCB3	(0) - (MAXT-1), 255	NFCR tree number to be used for OCB level 3. Your entry can be up to your response to the MAXT prompt minus 1 or 255. 255 is a special entry which disallows this level.
IDCA	(NO) YES	Incoming DID Digit Conversion allowed
- DCMX	1- 255	Maximum number of IDC conversion tables

Data Block: FFC (Flexible Feature Codes)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	FFC_DATA	Flexible Feature Code
CUST	(0)	Customer number
CCRS	aaa	Controlled Class of Service (CCOS) Restricted Service
SCPL	0-8	Station Control Password Length
SBUP	(YES) NO	Enable use of station control passwords for set based administration user level access
- PWD2	xxxx	PWD2 password for confirmation
FFCS	(NO) YES	Change Flexible Feature Code end-of-dialing indicator
- STRL	1-3	String Length of end-of-dial indicator
- STRG	xxx	String to indicate end-of-dialing (Enterable characters are digits 0-9, *, and #.)
ADLD	(0)-20	Auto Dial Delay in seconds

Data Block: FTR (Features and options)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	FTR_DATA	Customer Features and options
CUST	(0)	Customer number
OPT	a...a	Options (OPT responses begin on page 209)
DGRP	(0)-2046	Maximum number of Dial Intercom Groups
IRNG	(NO) YES	Intercom Ring
PKND	(1)-4	Number of digits Dialed for Group Pickup
SPRE	xxxx	Special Prefix number (1-4 digits)
PREO	(0) 1	Pretranslation Option
SRCD	xxxx	Set Relocation Security Code
EEST	(NO) YES	End-to-End Signaling Tone to originating party
- DTMF	(YES) NO	DTMF feedback tone
TTBL	(0)-31	Tone Table number
MUS	(NO) YES	Music for sets
- MUSR	0-127	Music Route for sets
ALDN	x...x	Alarm Directory Number
ALRM	(NO) YES	Malicious Call Trace Alarm for internal or external calls
TIME	0-(15)	Time for the alarm in minutes
INT	NO YES	Internal
RECD	(NO) YES	Recorder
- MCRT	0-127	Malicious Call Trace Recording Route number as defined in LD 16
PORT	0-15	Serial Data Interface Port Monitor
STCB	(NO) YES	Station Camp-On Busy allowed
MCDC	(NO) YES	Malicious Call DN/CLID printing allowed
IDEF	(NO) YES	Internal/external definition
ARDL_ATTEMPT	1-(30)-60	Automatic Redial number of attempts
MTAR	(NO) YES	Disable (enable) Meridian Mail Trunk Access Restriction
LEND	(NO) YES	List Entry Number Delimiter
MSCD	(NO) YES	Mandatory Speed Call Delimiter
CPCI	(NO) YES	Called Party Control on Internal Call (is not) is allowed for the customer

Data Block: IMS (Integrated Message Service)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	IMS_DATA	Change Integrated Messaging System features
CUST	(0)	Customer number
IMS	(NO) YES	Change Integrated Message System
- SAMM	(NO) YES	Standalone Meridian Mail
- IMA	(NO) YES	Integrated Messaging System enabled
- - APL	0-15	Auxiliary Processor Link number for IMS
- UST	(NO) YES	User Status Update enabled
- - APL	0-15	Auxiliary Processor Link number for UST
- UMG	(NO) YES	User-to-User Messaging enabled
- - APL	0-15	Auxiliary Processor Link number for UMG

Data Block: INT (Intercept Treatments)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	INT_DATA	Change Intercept Treatment
CUST	(0)	Customer number
ACCD	(OVF OVF OVF ATN)	Access Denied
- RANR	0-127	Intercept Recorded Announcement Route number
CTVN	(OVF OVF OVF ATN)	Call To Vacant Number
- RANR	0-127	Intercept Recorded Announcement Route number
MBNR	(OVF OVF OVF ATN)	Maintenance Busy Numbers
- RANR	0-127	Intercept Recorded Announcement Route number
CTRC	(OVF NAP OVF NAP)	Restricted Call
- RANR	0-127	Intercept Recorded Announcement Route number
CLDN	(NAP OVF NAP NAP)	Calls to LDN
- RANR	0-127	Intercept Recorded Announcement Route number
NINV	(OVF OVF OVF ATN)	Invalid NARS/BARS call
- RANR	0-127	Intercept Recorded Announcement Route number
NITR	(OVF OVF OVF ATN)	NARS/BARS Invalid Translation

- RANR	0-127	Intercept Recorded Announcement Route number
NRES	(OVF OVF OVF ATN)	NARS/BARS Restricted calls
- RANR	0-127	Intercept Recorded Announcement Route number
NBLK	(OVF OVF OVF ATN)	NARS/BARS Blocked calls
- RANR	0-127	Intercept Recorded Announcement Route number
RCLE	(ATN OVF ATN ATN)	Redirection Count Limit Exceeded as defined by TRCL
- RANR	0-127	Intercept Recorded Announcement Route number
CONG	aaa	Congestion tone for all trunks busy condition (aaa = (OVF) or BSY)
DLT	aaa	Direct Inward System Access Lockout treatment (aaa = (OVF), ATN, or OFA)
LLT	aaa	Flexible Line Lockout treatment (aaa = (OVF), ATN, or OFA)
DNDT	aaa	Do Not Disturb intercept Treatment (aaa = (BST), ATT, or RAN)
- RRT	0-127	Intercept Recorded Announcement Route number

Data Block: LDN (Listed Directory Numbers)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	LDN_DATA	Departmental Listed Directory Numbers
CUST	(0)	Customer number
OPT	a...a	Options (OPT responses begin on page 209)
DLDN	(NO) YES	Departmental Listed Directory Numbers
LDN0	xxxx	Listed Directory Number 0
LDA0	1-63 ALL	Attendant consoles associated with LDN0
LDN1	x...x	Listed DN 1
LDA1	a...a	Attendant consoles associated with LDN1 (a...a = 1-63 or ALL)
LDN2	x...x	Listed DN 2
LDA2	a...a	Attendant consoles associated with LDN2 (a...a = 1-63 or ALL)
LDN3	x...x	Listed DN 3
LDA3	a...a	Attendant consoles associated with LDN3 (a...a = 1-63 or ALL)
LDN4	x...x	Listed DN 4
LDA4	a...a	Attendant consoles associated with LDN4 (a...a = 1-63 or ALL)
LDN5	x...x	Listed DN 5
LDA5	a...a	Attendant console associated with LDN5 (a...a = 1-63 or ALL)
ICI	0-19 aaaa	Attendant Incoming Indicators

Data Block: MPO (Multi-Party Operations)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	MPO_DATA	Multi-Party Operations
CUST	(0)	Customer number
FMOP	(NO) YES	Flexible Misoperation Options
- RGNA	xxx yyy	Ringing No Answer treatment
- AOCS	xxx yyy	All Other Cases
- RCY1	1-(6)-15	Number of Cycles of Re-ringing before forwarding or disconnecting
- RCY2	1-(4)-15	Number of Cycles of Ringing before forwarding to transferring station
- RALL	(NO) YES	Mandatory recall is required prior to dialing control digits
- CDTO	2-(14)	Control digit timeout; in multiples of two seconds
IFLS	(NO) YES	Ignore Switchhook Flash signal from 500/2500 sets
MHLD	(NO) YES	Manual Hold after inquiry enabled
PCDS	(NO) YES	Programming of Control Digits required
- CNFD	0-(1)-9, *, #	Control Digit for Conference
- TGLD	0-(2)-9, *, #	Control Digit for Toggle
- DISD	0-(3)-9, *, #	Control Digit for Disconnect
CCDO	(NO) YES	Consultation Connection Disconnect Option alternative treatment
AFCO	(YES) NO	(Automatic)/Manual Forced Camp-On
- ACNS	aaa	Attendant Clearing during Night Service (aaa = (NO), EXT, or ALL)

Data Block: NET (Networking)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	NET_DATA	Networking
CUST	(0)	Customer number
OPT	a...a	Options (OPT responses begin on page 209)
AC2	aaaa	Access Code 2 as defined in LD 86 (aaaa = NPA, NXX, INTL, SPN, or LOC)
ISDN	(NO) YES	Integrated Services Digital Network
- PNI	(0)- 32700	Private Network Identifier
- CLID	(NO) YES	(Do not allow) Allow Calling Line Identification option
- - SIZE	0-(256)-4000	CLID entry size
- - INTL	0- 9999	Country code (1-4 digits)
- - ENTRY	xx	CLID entry to be configured
- - - HNTN	0- 999999	National code for home national number (1-6 digits)
- - - HLCL	0- 99 ... 99	Local code for home local number or Listed DN (1-12 digits)
- - - DIDN	a...a	Use DN as DID (a...a = YES, NO or SRCH)
- - - HLOC	0- x...x	Home location code (ESN) (1-7 digits)
- - - LSC	0- x...x	Local steering code (1-7 digits)
- PINX_DN	xx....x	Node DN
- MBG	(0)-65535	Multi-location Business Group
- BSGC	0-(65535)	Business Sub Group Consult-only
- RCNT	0-(5)	Redirection Count for ISDN calls
- PSTN	(NO) YES	Public Service Telephone Networks
- - TNDM	0-(15)-31	Tandem Threshold/Loop Avoidance Limit value permitted in a network connection
- - PCMC	0-(15)-31	Pulse Code Modulation Conversions permitted, μ -Law to A- Law or A- Law to μ -Law, in a network connection
- SATD	0-(1)-5	Satellite Delays
TRNX	(NO) YES	(Prevent) Allow transfer on ringing of supervised external trunks across the network
EXTT	(NO) YES	(Prevent) Allow connection of supervised external trunks via either call transfer or conference

MWNS	(NO) YES	Message Waiting Indication Non Specified Information string to recognize.
VNR	(NO) YES	Vacant Number Routing
- RLI	0-999	Route List Index as defined in LD 86
- FLEN	1-(16)	Flexible length of digits expected
- CDPL	1-(10)	Flexible length of VNR CDP
- LOCL	1-(10)	Flexible length of VNR LOC
NIT	2-(8)	Network Alternate Route Selection (NARS) Interdigit Timer
FOPT	0-(14)-30	Flexible Orbiting Prevention Timer

Data Block: NIT (Night Service)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	NIT_DATA	Night Service
CUST	(0)	Customer number
NIT1	x...x	First Night Service DN by Time of Day
TIM1	hh mm	Hour and Minute for First Night Service DN
NIT2	x...x	Second Night Service DN by Time of Day
TIM2	hh mm	Hour and Minute for Second Night Service DN
NIT3	x...x	Third Night Service DN by Time of Day
TIM3	hh mm	Hour and Minute for Third Night Service DN
NIT4	x...x	Fourth Night Service DN by Time of Day
TIM4	hh mm	Hour and Minute for Fourth Night Service DN
ENS	(NO) YES	Enhanced Night Service enabled
- NWT	(NO) YES	Night Call Waiting Tone enabled
- NNT	0-253	Night Number Table
- NSO	(NO) YES	Enhanced Night Service enabled

Data Block: OAS (Off Hook Alarm Security)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	OAS_DATA	Change Off-Hook Alarm Security options
CUST	(0)	Customer number
ODN0	xxxx	OHAS DN for zone 0
ODN1	xxxx	OHAS DN for zone 1
ODN2	xxxx	OHAS DN for zone 2
ODN3	xxxx	OHAS DN for zone 3
ODN4	xxxx	OHAS DN for zone 4
ODN5	xxxx	OHAS DN for zone 5
ODN6	xxxx	OHAS DN for zone 6
ODN7	xxxx	OHAS DN for zone 7
ODN8	xxxx	OHAS DN for zone 8
ODN9	xxxx	OHAS DN for zone 9
ASTM	1-(30)-63	OHAS off-hook or interdigit timeout timer in seconds

Data Block: PWD (Password)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	PWD_DATA	Password
CUST	(0)	Customer number
SPWD	xxxx	Secure data password for LD 88 authcodes and LD 24 DISA
- PWD2	xxxx	Second level administration Password

Data Block: RDR (Call Redirection)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	RDR_DATA	Call Redirection
CUST	(0)	Customer number
OPT	a...a	Options (OPT responses begin on page 209)
FNAD	aaa	Call Forward No Answer treatment for DID calls (aaa = (HNT), ATT, NO, or FDN)
FNAT	aaa	Call Forward No Answer treatment for external Trunk non-DID calls (aaa = (HNT), ATT, NO, or FDN)
FNAL	aaa	Call Forward No Answer treatment for All other calls including trunk calls marked as internal (aaa = (HNT), ATT, NO, or FDN)
CFTA	(NO) YES	Call Forward to Trunk Access code allowed
CCFWDN	x...x	Customer Call Forward DN (maximum: 23 digits)
CFNA	1-(4)-15	Number of normal ringing cycles for Call Forward No Answer (CFNA)
CFN0	1-(4)-15	Number of normal ringing cycles for CFNA, Option 0
CFN1	1-(4)-15	Number of normal ringing cycles for CFNA, Option 1
CFN2	1-(4)-15	Number of normal ringing cycles for CFNA, Option 2
DFN0	1-(4)-15	Number of distinctive ringing cycles for CFNA, Option 0
DFN1	1-(4)-15	Number of distinctive ringing cycles for CFNA, Option 1
DFN2	1-(4)-15	Number of distinctive ringing cycles for CFNA, Option 2
DNDH	(NO) YES	Do Not Disturb Hunting allowed
MDID	(NO) YES	No Answer DID calls routed to Message Center
NDID	(NO) YES	No Answer non-DID calls routed to Message Center
MWFB	(NO) YES	DID calls to busy telephones routed to Message Center
TRCL	(0)-7	Total Redirection Count Limit
CRTOD	(NO) YES	Change Call Redirection by Time Of Day alternate time options
- CRT0	SH SM EH EM	Alternate time option 0, denotes time when Alternate Redirection DN will be used. (SH SM = Start time, EH EM = End time)
- CRT1	SH SM EH EM	Alternate time option 1 (SH SM = Start time; EH EM = End time)
- CRT2	SH SM EH EM	Alternate time option 2 (SH SM = Start time; EH EM = End time)
- CRT3	SH SM EH EM	Alternate time option 3 (SH SM = Start time; EH EM = End time)

Data Block: ROA (Recorded Overflow Announcement)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	ROA_DATA	Recorded Overflow Announcement
CUST	(0)	Customer number
OPT	a...a	Options (OPT responses begin on page 209)
FRRT	0-127	First RAN route
- FRT	0-(20)-2044	Time delay in seconds for the first RAN route
SRRT	0-127	Second RAN route number for ROA
- SRT	0-(40)-2044	Time delay in seconds for the second RAN route
WAIT	aaa	Treatment during Waiting time for ROA (aaa = (RGB), MUS, or SIL)
- MURT	0-127	Music Route
RICI	0-19	ICI key numbers that may receive ROA

Data Block: TIM (Timers)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	TIM_DATA	Timers
CUST	(0)	Customer number
FLSH	20-(45)-768	Switchhook Flash timing
PHDT	1-(30)-63	Permanent Hold Timer
DIND	2-(30)-60	Dial tone and Interdigit timeout for non-DTMF sets
DIDT	2-(15)-60	Dial tone and Interdigit timeout for DTMF sets
LDTT	2-(6)-30	Line disconnect tone timer for 500/2500 telephones in seconds
BOTO	2-(14)-60	Busy tone/Overflow tone Timeout
DBRC	2-(60)-120	Duration Between Reminder Cadences for Audible Reminder of Held Call
RTIM	xxx yyy zzz	Recall Timers for Slow Answer, Camp-On and Call Waiting
ATIM	(0)-126	Attendant Alternative Answering Timer
AQTT	1-(30)-255	Attendant Queue Timing Threshold in seconds
ADLD	(0)-20	Auto Dial Delay in seconds
HWTT	0-(300)-600	Length of Howler Tone in seconds
NIT	2-(8)	Network Alternate Route Selection Interdigit Timer
FOPT	0-(14)-30	Flexible Orbiting Prevention Timer

Data Block: TST (Test lines)

Prompt	Response	Comment
REQ:	CHG	Change existing data block
TYPE:	TST_DATA	Test lines for transmission testing
CUST	(0)	Customer number
T100	xxxx	DN for Type-100 test line
REF0	xxxx	DN for Reference trunk 0
TST0	xxxx	DN for Test trunk 0
REF1	xxxx	DN for Reference trunk 1
TST1	xxxx	DN for Test trunk 1
REF2	xxxx	DN for Reference trunk 2
TST2	xxxx	DN for Test trunk 2
REF3	xxxx	DN for Reference trunk 3
TST3	xxxx	DN for Test trunk 3

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Alphabetical list of prompts

Prompt	Response	Comment
ABDN	(NO) YES	Activation of the Attendant Blocking of DN Prompted with Semi-Automatic Camp-On (SACP) package 181.
AC2	NPA NXX INTL SPN LOC	Access Code 2 E.164 National E.164 Subscriber International Special Number Location Code Enter call types that use Access Code 2 (AC2) Multiple responses are permitted. If a numbering plan is not entered here, it is automatically defaulted to Access Code1 (AC1).
ACCD	(OVF OVF OVF ATN)	Access Denied
ACNS	(NO) EXT ALL	Attendant Clearing during Night Service No automatic treatment External calls only All calls This prompt appears when the Multi-Party Operations (MPO) package is equipped, MPOP = YES and FMOP = YES.
ADLD	(0)-120	Auto Dial Delay Time in two-second interval. Prompted with the Flexible Feature Codes (FFC) package 139. 0 = Auto Dial does not take place.
AFBT	(0)-2-AFNT	Attendant Forward Buzz Tone The number of seconds in 2 second intervals that the attendant is buzzed at full volume. Odd entries are rounded down to the next valid entry. If entry is 0, the original volume is in effect.
AFCO	(YES) NO	(Automatic)/Manual Forced Camp-On Prompted with Priority Override (POVR) package 186.
ALDN	x...x	Alarm Directory Number Must be a Single-Appearance 500-set DN. Precede with X to remove.

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Prompt	Response	Comment
ALRM	(NO) YES	Malicious Call Trace Alarm for internal or external calls ALRM has to set to YES if the alarm is to be rung for any call (external or internal) when MCT is activated.
AML_DATA	(NO) YES	Change Application Module Link options
ANAT	x...x	ANI Attendant Billing Number Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. In either case, together with ANLD (ANI listed DN), the total number of digits must be seven. Prompted with Automatic Number Identification (ANI) package 12.
ANI_DATA	(NO) YES	Change Automatic Number Identification options
ANLD	xxxxx	Automatic Number Identification (ANI) Listed Directory Number May be 0-5 digits, depending on the length of ANAT. The combined number of digits for ANAT and ANLD must be 7. Prompted with Automatic Number Identification (ANI) package 12.
	X	Enter the letter X to clear the field
AOCS	xxx yyy	All Other Cases Where: xxx is for internal calls and yyy or ATN is for external calls Valid entries for xxx and yyy are: • AAR - forward to attendant or Night Service after re-ringing for RCY1 cycles • ATN - forward to attendant or Night Service (ATN is the default for yyy or external calls) • DAR - disconnect after re-ringing for RCY1 cycles • DIS - disconnect default for xxx or internal calls • OVF - provide overflow tone • STD - standard operation.
AODN	x...x	Attendant Overflow DN Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Precede with X to remove an entry. Prompted with Attendant Overflow Postion (AOP) package 56.

Prompt	Response	Comment
APAD	x y	Alternative Pad. Where: x = trunk pad selection and y = conference pad selection Valid inputs for x are: • (0) = default North America • 1 = Australia • 2 = New Zealand • 3 = Italy • 4 = China EPE or EPE/IPE systems • 5 = China pure IPE system • 6-7 = future usage currently set to default Valid inputs for y are: • (0) = default North America • 1 = Alternative Conference pads selected The default = 0 when REQ = NEW. The default is the existing value when REQ = CHG. Alternative Conference pads are only provided on specific Conference cards.
APL	0 - 15	Auxiliary Processor Link number
AQTT	1-(30)-255	Attendant Queue Timing Threshold in seconds
ASTM	1-(30)-63	OHAS Off-Hook or interdigit timeout timer This timer is applied to telephones with Alarm Security Allowed (ASA) Class of Service. When the timer expires, the telephone is intercepted to the OHAS DN. ASTM applies to all OHAS DNs. If the telephone has Alarm Security Denied (ASD) Class of Service, the normal dial tone and interdigit timers are used. See LD 15 prompts DIND and DIDT.
ATAC	xxxx	Attendant Administration Access Code The entered code is not actually accepted until the correct password is entered in the next prompt. Prompted with Attendant Administration (AA) package 54.
ATDN	(0)-x...x	Attendant Directory Number Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Calls timed for recall by the DPNSS1 redirection feature are redirected to this number when the timer expires.

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Prompt	Response	Comment
ATIM	(0)-126	Attendant Alternative Answering Timer This timer is in increments of two seconds, odd numbers are rounded down to the next valid input. Use ATIM = 0 to disable AAA. Prompted with Attendant Alternative Answering (AAA) package 174.
ATT_DATA	(NO) YES	Change Attendant Console options
AXID	(NO) YES	Auxiliary Identification output in CDR record Auxiliary Identification provides the TN when the call involves a multiple appearance DN.
BOTO	2-(14)-60	Busy tone/Overflow tone Timeout Odd entries are rounded down to a valid multiple of two seconds.
BSGC	0-(65535)	Business Sub Group Consult-only. Where: • 0 = no indication • 1 - 65535 = Subgroup identifier This value is sent as the Multi-location Business Group Subgroup (MBGS) identifier or tenant number when an existing call has more than two different MBGSs. In this case a consultation connection will be allowed, but completion of a call modification, conference or transfer, will be disallowed. If BSGC = 0 then Call Transfer and Call Modifications may be restricted under certain circumstances. Ensure BSGC ≠ 0 if Call Transfer and Call Modifications to be allowed.
CANC	YES NO	Non Specified Information string for Message Waiting Cancellation.
CCDO	(NO) YES	Consultation Connection Disconnect Option alternative treatment is not required Consultation Connection Disconnect Option alternative treatment is required

Prompt	Response	Comment
CCFWDN	x...x	Customer Call Forward DN. The maximum is now 23 (0-23) digits. CCFWDN allows subscribers to forward their phones to a central answering service by dialing a FFC. CCFWDN activates the regular Call Forward All Calls function, but without having to specify the DN to which calls will be forwarded. Customer Call Forward is only applicable to 500-type sets.
CCRS		Controlled Class of Service (CCOS) Restricted Service. This applies when CCRS is active. If CCRS is inactive, the set defaults to the TN class of service access restriction. Allowed access restrictions are:
	(UNR)	Unrestricted
	CTD	Conditionally Toll Denied
	CUN	Conditional Unrestricted
	FR1	Fully Restricted class 1
	FR2	Fully Restricted class 2
	FRE	Fully Restricted
	SRE	Semi-Restricted
	TLD	Toll Denied
		Prompted with Controlled Class of Service (CCOS) package 81.
CCS_DATA	(NO) YES	Change Controlled Class of Service options
CDPL	1-(10)	Flexible length of Vacant Number Routing (VNR) Coordinated Dialing Plan (CDP)
CDPR		Coordinated Dialing Plan Record option. CDPR appears with Coordinated Dialing Plan (CDP) package 59. Applies only to trunk routes with OPD = NO.
	(NO)	Replace the Distant Steering Code (DSC) or Trunk Steering Code (TSC) with the Access Code (ACOD). The format is : ACOD + concluding digits
	YES	Insert ACOD ahead of DSC or TSC. The format is : ACOD + DSC or TSC + concluding digits
CDR	(NO) YES	Change Call Detail Recording record Prompted with Call Detail Recording (CDR) package 4.
CDR_DATA	(NO) YES	Change CDR and Charge Account options
CDTO	2-(14)	Control digit timeout in multiples of 2 seconds.

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Prompt	Response	Comment
CFNA	1-(4)-15	Number of normal ringing cycles for Call Forward No Answer If the Flexible Tones and Cadences (FTC) package 125 is equipped, this interval is tied to the number of cycles of NCAD ringing. Refer to 553-2711-180 Flexible Tone and Digit Switches.
CFN0	1-(4)-15	Number of normal ringing cycles for CFNA, Option 0 CFNA has three ringing cycle options. This assigns the normal ringing cycles for Option 0.
CFN1	1-(4)-15	Number of normal ringing cycles for CFNA
CFN2	1-(4)-15	Number of normal ringing cycles for CFNA
CFTA	(NO) YES	Call Forward to Trunk Access code not allowed Call Forward to Trunk Access code allowed
CHDN	x...x	CAS silent Hold DN Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
CHLN	(0)-23	Charge Account Number Length Prompted with Charge Account (CHG) package 23
CHMN	(1)-CHLN	Minimum number of digits for FCA code The range is from 1 to CHLN, where CHLN = Charge account Number Length.
CLDN	(NAP OVF NAP NAP)	Calls to LDN
CLID	(NO) YES	Do not allow Calling Line Identification option Allow Calling Line Identification option
CLS1	(UNR) CTD CUN FR1 FR2 FRE SRE TLD	Class of Service Unrestricted Conditionally Toll Denied Conditional Unrestricted Fully Restricted class 1 Fully Restricted class 2 Fully Restricted Semi-Restricted Toll Denied

Prompt	Response	Comment
CNCS	0-99	Controlled NCOS CNCS allows the user to select a controlled NCOS to be used when the set is locked. When a set is locked, the NCOS defined at this prompt is used as the set NCOS when a trunk call is made. Precede entry with X to remove.
CNFD	0-(1)-9, *, #	Control Digit for Conference
CONG	(OVFL) BUSY	Congestion tone for all trunks busy condition Overflow tone for all trunks busy condition Busy tone
CPAS	xxxx	Central Precedence answering station listed DN
CPCI	(NO) YES	Called Party Control on Internal Call is not allowed for the customer Called Party Control on Internal Call is allowed for the customer CPCI package 310 is required.
CRT0	SH SM EH EM	Alternate time option 0, denoting a time when the Alternate Redirection DN will be used. Where: • SH SM = Start time • EH EM = End time Both entries are in international time format and are entered as HH MM (hour = 00-23 ; minute = 00-59). The default value is 00 00 00 00. The default disables CRTOD for that alternate time option.
CRT1	SH SM EH EM	Alternate time option 1, denoting a time when the Alternate Redirection DN will be used. See the prompt CRT0 for an explanation of the response format.
CRT2	SH SM EH EM	Alternate time option 2, denoting a time when the Alternate Redirection DN will be used. See the prompt CRT0 for an explanation of the response format.
CRT3	SH SM EH EM	

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Prompt	Response	Comment
		Alternate time option 3, denoting a time when the Alternate Redirection DN will be used. See the prompt CRT0 for an explanation of the response format.
CRTOD	(NO) YES	Call Redirection by Time Of Day Do not change CRTOD alternate time options Change CRTOD alternate time options
CTRC	(OVF NAP OVF NAP)	Restricted Call
CTVN	(OVF OVF OVF ATN)	Call to Vacant Number
CUST	(0)	Customer number
CWBZ	(NO) YES (NO) YES	Call Waiting Buzz First field-Provide two second buzz on exceeding upper CWCL or CWTM threshold. Second field-Buzz on first call entering queue.
CWCL	(0)-255 (0)-255	Call Waiting Call Limit Lower and upper thresholds. The Call Waiting lamp starts flashing when number of calls in the queue exceeds the upper threshold. The lamp continues to flash until the number of calls in queue is less than the lower threshold. Enter 0 to disable this feature.
	(0)-1000 (0)-1000	Lower and upper thresholds defined as a percentage of the active consoles when OPT = FACA. When the FACA/FACD option is changed, a new value for CWCL must be set or the default values are used. The CWCL values for the tenant-level are set equal to the customer-level values. CWCL is also prompted in LD 93.
CWTM	(0)-511 (0)-511	

Prompt	Response	Comment
		Lower and upper thresholds for Call Waiting Time. The Call Waiting lamp starts flashing when the call in the queue exceeds the upper threshold. The lamp continues to flash until the wait time is less than the lower threshold. Enter 0 to disable this feature.
CWUP	(NO) YES	Call Waiting queue Update Prompted with M2250 Attendant Console (DCON) package 140. The M2250 type consoles can be notified every time there is a change to the Call Waiting queue.
DBRC	2-(60)-120	Duration Between Reminder Cadences for audible reminder of held call Odd entries are rounded up to a valid multiple of two seconds.
DCMX	1-255	Digit Conversion Maximum number of tables The sum of the values for MAXT and DCMX cannot exceed 255 or $MAXT + DCMX = 255$.
DFN0	1-(4)-15	Number of Distinctive Ringing cycles for CFNA, Option 0 CFNA has three ringing cycle options. This assigns the Distinctive Ringing cycles for Option 0.
DFN1	1-(4)-15	Number of Distinctive Ringing cycles for CFNA, Option 1
DFN2	1-(4)-15	Number of Distinctive Ringing cycles for CFNA, Option 2
DGRP	(0)-2046	Maximum number of Dial Intercom Groups (DIG) Prompted with Dial Intercom (DI) package 21
DIDN	(YES) NO SRCH	Precede the DN of the active DN key with the digits in HLCL Use digits in HLCL Find a DN key of the set from key 0 which has DIDN of a CLID entry set to YES

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Prompt	Response	Comment
DIDT	0-(14)-60	0-(14)-60 0-(14)-60 Dial tone and Interdigit timeout for DTMF sets when International Supplementary Features (SUPP) package 131 is equipped. The 1st parameter is the time before first digit or the dial tone time. The 2nd parameter is the time between the first and second digits. The 3rd parameter is the time between digits after the second digit. Odd entries are rounded down to a valid multiple of two seconds.
	2-(15)-60	Dial tone and Interdigit timeout for DTMF sets when International Supplementary Features (SUPP) package 131 is not equipped. Odd entries are rounded down to a valid multiple of two seconds.
DIND	0-(30)-60	0-(30)-60 0-(30)-60 Dial tone and Interdigit timeout for non-DTMF sets when International Supplementary Features (SUPP) package 131 is equipped. The 1st parameter is the time before first digit or the dial tone time. The 2nd parameter is the time between the first and second digits. The 3rd parameter is the time between digits after the second digit. Odd entries are rounded down to a valid multiple of two seconds.
	2-(30)-60	Dial tone and Interdigit timeout for non-DTMF sets when International Supplementary Features (SUPP) package 131 is not equipped.
DISD	0-(1)-9, *, #	Control digit for Disconnect
DLDN	(NO) YES	Departmental Listed Directory Numbers. Prompted with Departmental Listed Directory Number (DLDN) package 76.
DLT	(OVF) ATN OFA	Direct Inward System Access (DISA) Lockout treatment Overflow tone Attendant Overflow then attendant
DNDH	(NO) YES	Do Not Disturb Hunting allowed Prompted with Meridian Hospitality Voice Services (MHVS) package 179.
DNDL	(NO) YES	Do Not Disturb Lamp on 500/2500 telephones Prompted with Do Not Disturb Individual (DNDI) package 9.

Prompt	Response	Comment
DNDT	(BST) ATT RAN	Do Not Disturb intercept Treatment Busy Tone Attendant RAN trunk Prompted with Do Not Disturb Individual (DNDI) package 9
DTMF	(NO) YES	End-to-End Signaling feedback tone Use the improved EES for single tone feedback Use the current EES for DTMF feedback tone
ECC1		Enhanced Controlled Class of Service level 1 ECC1 is prompted with Enhanced Control Class of Service (ECCS) package 173. This access restriction applies when CCRS is active. When CCRS is inactive, the set reverts to the Access Restrictions defined in LD 10 or LD 11. Allowed access restrictions are:
	(UNR) CTD CUN FR1 FR2 FRE SRE TLD	Unrestricted Conditionally Toll Denied Conditional Unrestricted Fully Restricted class 1 Fully Restricted class 2 Fully Restricted Semi-Restricted Toll Denied
ECC2		Enhanced Controlled Class of Service level 2 ECC2 is prompted with Enhanced Control Class of Service (ECCS) package 173. This access restriction applies when CCRS is active. When CCRS is inactive, the set reverts to the Access Restrictions defined in LD 10 or LD 11. Allowed access restrictions are:
	(UNR) CTD CUN FR1 FR2 FRE SRE TLD	Unrestricted Conditionally Toll Denied Conditional Unrestricted Fully Restricted class 1 Fully Restricted class 2 Fully Restricted Semi-Restricted Toll Denied

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Prompt	Response	Comment
ECDR	(NO) YES	Print End-to-End Signaling digits in CDR record
EEST	(NO) YES	End-to-End Signaling Tone to originating party Do not send feedback tone to the originator Send feedback tone to originator When EEST = NO <i>or</i> when EEST = YES and DTMF = NO, <i>Improved</i> End-to-End Signaling is used. When EEST = YES and DTMF = YES, <i>Enhanced</i> End-to-End Signaling is used. EEST is prompted with End-to-End Signaling (EES) package 10.
ELPL	1-15	Electronic Lock Password Length (number of digits)
ENS	(NO) YES	Enhanced Night Service enabled Prompted with Enhanced Night Service (ENS) package 133.
ENTRY	xx	CLID entry to be configured. CLID entries must be between 0 and the value entered at the SIZE prompt - 1. Precede entry or entries with X to delete. ENTRY is repeated until a <cr> is entered.
EXTT	(NO) YES	Prevent connection of supervised external trunks via either call transfer or conference Allow connection of supervised external trunks via either call transfer or conference
FCAF	(NO) YES	Forced Charge Account active Prompted with Forced Charge Account (FCA) package 52
FCNC	0-99	FCA Network Class of Service
FCR_DATA	(NO) YES	Change New Flexible Code Restriction options
FFC_DATA	(NO) YES	Change Flexible Feature Code options
FFCS	(NO) YES	Change Flexible Feature Code end-of-dialing indicator
FLEN	1-(16)	Flexible length of digits expected
FLSH	xxx	Switchhook Flash timing.

Prompt	Response	Comment
		Where: xxx = 20-(45)-768
		The timing specified will be used for EPE equipment only. XPE equipment will use the FLSH specified in LD 97.
FMOP	(NO) YES	Flexible Misoperation options are not required Flexible Misoperation options are required
FNAD	(HNT) ATT FDN NO	Call Forward No Answer treatment for DID calls Hunt DN, defined in telephone data block CFNA to attendant Flexible CFNA DN, defined in telephone data block CFNA not allowed
FNAL		Call Forward No Answer treatment for all other calls including trunk calls marked as internal. An internal trunk call is a trunk call in which LD 16 prompt RCLS = INT. If FNAL = HNT, no answer calls are forwarded to the Hunt DN.
	(HNT) ATT FDN NO	Hunt DN (defined in telephone data block) CFNA to attendant Flexible CFNA DN (defined in telephone data block) CFNA not allowed
FNAT		Call Forward No Answer treatment for external Trunk non-DID calls. An external call is defined as a trunk call in which LD 16 prompt RCLS = EXT. If FNAT = FDN or HNT, then Call Forward by Call Type (CFCT) handles the call.
	(HNT) ATT FDN NO	Hunt DN, defined in telephone data block CFNA to attendant Flexible CFNA DN, defined in telephone data block CFNA not allowed
FNP	(YES) NO	Flexible Numbering Plan feature is enabled for customer.
FOPT	0-(14)-30	Flexible Orbiting Prevention Timer The number of seconds in two second intervals that CFW should be suspended on a set that has just forwarded a call off-node. Odd entries are rounded up to the next valid entry. A response of 0 disables FOPT.

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Prompt	Response	Comment
FRRT	0-127	First Recorded Announcement or RAN Route for Recorded Overflow Announcement (ROA). Prompted with Recorded Overflow Announcement (ROA) package 36 and OPT = ROI. Enter X to remove
FRT	0-(20)-2044	First RAN Time seconds before first RAN given.
FTR_DATA	(NO) YES	Change Features and options
GPXX	x	Unsolicited status events 1, 2, 3, 4, 5 or 6 Unsolicited status events are used with Meridian Link applications. Enter the message to be sent to the host computer for telephones in the group, where: • 0 = No status messages monitored • 1 = On-Hook • 2 = Off-Hook • 3 = Ringing • 4 = Active • 5 = Disconnect • 6 = Unringing Precede the value with an X to remove a status from the Group report. The prompts GP02 through GP15 appear when Meridian Link package is equipped. Default values are in Group 0 and Group 1: • Group 0 = sends no messages • Group 1 = sends all messages Groups 0 and 1 cannot be entered or changed here, but can be entered in response to the IAPG prompt in LD 10 and LD 11.

Prompt	Response	Comment
GP02	n n n n n	Group 2 status events The following comment applies to prompts GP03 through GP15: Unsolicited status events are used with Meridian Link applications. Enter the message to be sent to the host computer for telephones in the group, where: • 0 = No status messages monitored • 1 = On-Hook • 2 = Off-Hook • 3 = Ringing • 4 = Active • 5 = Disconnect • 6 = Unringing Precede the value with an X to remove a status from the Group report. Default values are in Group 0 and Group 1: • Group 0 sends no messages • Group 1 sends all messages Groups 0 and 1 cannot be entered or changed here, but can be entered in response to the IAPG prompt in LD 10 and LD 11. The prompt GP02 through GP15 are presented only with Integrated Services Digital Network Application Module Link for 3rd Party Vendors (IAP3P) package 153 equipped.
GP03	n n n n n	Group 3 status events 1, 2, 3, 4, 5 or 6 assigned
GP04	n n n n n	Group 4 status events 1, 2, 3, 4, 5 or 6 assigned
GP05	n n n n n	Group 5 status events 1, 2, 3, 4, 5 or 6 assigned
GP06	n n n n n	Group 6 status events 1, 2, 3, 4, 5 or 6 assigned
GP07	n n n n n	Group 7 status events 1, 2, 3, 4, 5 or 6 assigned
GP08	n n n n n	Group 8 status events 1, 2, 3, 4, 5 or 6 assigned
GP09	n n n n n	Group 9 status events 1, 2, 3, 4, 5 or 6 assigned
GP10	n n n n n	Group 10 status events 1, 2, 3, 4, 5 or 6 assigned

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Prompt	Response	Comment
GP11	n n n n n	Group 11 status events 1, 2, 3, 4, 5 or 6 assigned
GP12	n n n n n	Group 12 status events 1, 2, 3, 4, 5 or 6 assigned
GP13	n n n n n	Group 13 status events 1, 2, 3, 4, 5 or 6 assigned
GP14	n n n n n	Group 14 status events 1, 2, 3, 4, 5 or 6 assigned
GP15	n n n n n	Group 15 status events 1, 2, 3, 4, 5 or 6 assigned
HLCL	0-99 ... 99	Local code for home local number or Listed directory number (1-12 digits). Precede with X to remove.
HLOC	100-99999999	Home Location Code (ESN) as defined in LD 90 Up to 7 digits with extended code. Prompted when ISDN=YES.
HMDN	xxxx	Home DN
HNTN	0-999999	National code for home national number (1-6 digits). Precede with X to remove.
HRCL	0-512	Hold Recall timer
HWTT	0-(300)-600	Length of Howler Tone in seconds. Prompted with Multi Language Wake Up (MLWU) package 206, and Operator Callback (OPCB) package 126. Where: 0 = continuous tone
ICI	x aaa	Attendant Incoming Call Indicators Where: x = 0-9 if OPT = IC1, or x = 0-19 if OPT = IC2. Where: aaa = ICI function name. Multiple responses can be entered for the same key.
	x CAy	ICI number, Station Category Indication priority level, (where y = 1-7)
	x CFB	ICI number, Call Forward Busy
	x CFN	ICI number, Call Forward No Answer
	x DF0	ICI number, dial 0 fully restricted
	x DLO	ICI number, dial 0
	x IAT	ICI number, Inter-Attendant call
	x IEN	ICI number, Idle Extension Notification
	x INT	ICI number, Intercept

Prompt	Response	Comment
	x LCT	ICI number, lockout intercept
	x LD0	ICI number, listed DN0
	x LD1	ICI number, listed DN1
	x LD2	ICI number, listed DN2
	x LD3	ICI number, listed DN3
	x LD4	ICI number, listed DN4
	x LD5	ICI number, listed DN5
	x MTR	ICI number, Meter Recall
	x MWC	ICI number, Message Waiting Calls
	x NCO	ICI number, Network CO trunk
	x NDID	ICI number, Network DID trunk
	x NFEX	ICI number, Network FEX trunk
	x NTIE	ICI number, Network TIE trunk
	x NUL	ICI number, remove ICI appearances
	x NWAT	ICI number, Network WAT trunk
	x RDI	ICI number, RDI intercept
	x RLL	ICI number, Recall
	x Ryyy Ryyy	ICI number, one or more Route numbers
	x TRK	ICI number, Trunk types and local route numbers
IDCA	(NO) YES	Incoming DID Digit Conversion Allowed NFCR must = YES before IDCA can = YES. Prompted with Incoming Digit Conversion (IDC) package 113
IDEF		Internal/external definition Network wide INY/EXT definition for Call Forward/Hunt by Call Type, Internal Call Forward, and Break In Indication Prevention.
	(NO)	A call will not be treated as internal or external according to the network wide definition of internal and external calls. When IDEF = NO, information that could have been entered previously at the IDEF prompt in LD 16 will not influence call treatment.
	YES	A call will be treated as internal or external according to the network wide definition of internal and external calls. Changing IDEF to NO and then back to YES will not reset the data entered in LD 16.
IFLS	(NO)	Allow switchhook flash signal from 500/2500 sets

LD 15

Prompt	Response	Comment
	YES	Ignore switchhook flash signal from 500/2500 sets If YES then sets require ground buttons.
IMA	(NO) YES	Integrated Messaging System enabled Prompted when OPT=MCI
IMPH	(NO) YES	CDR for Incoming Packet data call
IMS	(NO) YES	Change Integrated Messaging System features Prompted with Integrated Message System (IMS) package 35.
IMS_DATA	(NO) YES	Change Intergraded Message Service options
INT	(NO) YES	Internal Malicious Call Trace Alarm If the alarm is to be rung when MCT is activated against internal calls ALRM = YES and INT = YES.
INTL	0-9999	Country code (1-4 digits). Precede with X to remove.
INT_DATA	(NO) YES	Change Intercept Treatment options
INTR	(NO) YES	Change Intercept Treatment Intercept treatments determine the action performed when a user makes an invalid call. Each intercept prompt requires four entries representing the type call: • first entry = station/DISA • second entry = attendant extended • third entry = TIE trunk • fourth entry = CCSA/DID trunk One of the following responses is required for each entry: • ATN = Intercept to Attendant • BSY = Busy Tone • NAP = Not Applicable • OVF = Overflow Tone • RAN = Intercept to Recorded Announcement • SRC1-SRC8 = Announcement Source Channel The defaults are shown for each Intercept prompt. If RAN is specified, you are prompted for the RAN route number.

Prompt	Response	Comment
IRFP	x....x	Internal Attendant Remote Call Forward Password The password length is 1-8 digits. The password is numeric only.
IRFR	(NO) YES	Internal Attendant Remote Call Forward Password Required
IRNG	(NO) YES	Intercom Ring Distinctive Ringing for Dial Intercom
ISDN	(NO) YES	Integrated Services Digital Network allowed for customer Prompted when ISDN signaling package 145 is equipped and at least one PRA link is configured.
ITH1	1-255	Visual Indication Threshold 1 $TH1 \leq \text{calls in queue} \leq ITH2$
ITH2	1-255	Visual Indication Threshold 2 $ITH2 \leq \text{calls in queue} \leq ITH3$
ITH3	1-255	Visual Indication Threshold 3 $\text{calls in queue} > ITH3$
LA11	0-511	Primary RAN route for Language 1 Prompted with Multi-Language Wake Up (MLWU) package 206.
LA12	0-511	Secondary RAN route for Language 1
LA21	0-511	Primary RAN route for Language 2
LA22	0-511	Secondary RAN route for Language 2
LA31	0-511	Primary RAN route for Language 3
LA32	0-511	Secondary RAN route for Language 3
LA41	0-511	Primary RAN route for Language 4
LA42	0-511	Secondary RAN route for Language 4
LA51	0-511	Primary RAN route for Language 5
LA52	0-511	Secondary RAN route for Language 5

LD 15

Prompt	Response	Comment
LADN	x...x	Local Attendant Directory Number This must be different from the DN entered for ATDN. Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
LDA0	1-63 ALL	Attendant consoles associated with LDN0 Allow LDN0 on all attendants. Precede X to remove.
LDA1	1-63 ALL	Attendant consoles associated with LDN1 Allow LDN1 on all attendants. Precede with X to remove.
LDA2	1-63 ALL	Attendant consoles associated with LDN2 Allow LDN2 on all attendants. Precede X to remove.
LDA3	1-63 ALL	Attendant consoles associated with LDN3 Allow LDN3 on all attendants. Precede X to remove.
LDA4	1-63 ALL	Attendant consoles associated with LDN4 Attendant consoles associated with LDN4
LDA5	1-63 ALL	Attendant console associated with LDN5 Attendant console associated with LDN5
LDBZ	n n n n n n ALL	Listed Directory Number Bussing groups 0,1,2,3,4,or 5. The Departmental Listed Directory Number groups which should be buzzed when a Listed Directory Number/Code Blue call is in the attendant queue. Precede with 'X' to remove.
LDN_DATA	(NO) YES	Change Departmental Listed Directory Numbers
LDN0	x...x	Listed Directory Number 0 Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Precede with X to remove an entry. LDN0 must be defined for ISDN PRI DID service. The length of LDN0 determines the number of trailing digits translated as the dialed DN on PRI DID routes.
LDN1	x...x	Listed DN 1 Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Precede with X to remove an entry.
LDN2	x...x	Listed DN 2

Prompt	Response	Comment
		Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Precede with X to remove an entry.
LDN3	x...x	Listed DN 3 Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Precede with X to remove an entry.
LDN4	x...x	Listed DN 4 Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Precede with X to remove an entry.
LDN5	x...x	Listed DN 5 Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Precede with X to remove an entry.
LDNT	(NO) YES	Listed Directory Number Tone Special tone to CAS main attendant when presented with LDN calls.
LDTT	2-(6)-30	Line disconnect tone timer for 500/2500 telephones in seconds
LEND	(NO) YES	List Entry Number Delimiter A delimiter (*) is neither required nor allowed between the list entry number and telephone number A delimiter (*) is required between the list entry number and telephone number. LEND is prompted with packages scc-1 or ssc-34
LFFD	x00..x00	First DN of lamp field array for ILF. The system shows the status of the next 150 consecutive DNs. Last two digits of first DN must be 00. First DN must start on even 100 (e. g., 3400 is acceptable, but 3450 is not). Precede with X to remove. Prompted when OPT = ILF.
LFTN	c u	Lamp Field array Terminal Number LFTN is prompted again for a second lamp field array. For Supervisory Console, when assigning lamp field array to show Attendant status, enter the secondary TN of the console. To remove the second LFTN, enter "0". To remove both LFTNs, enter XLF in response to prompt OPT. Prompted when OPT = ILF. Not allowed for 2000/3000 series telephones.
LINK	(NO) YES	ACD DNIS Link option. Prompted if OPT = DNI.

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Prompt	Response	Comment
LLT	(OVF) ATN OFA	Flexible Line Lockout Treatment Overflow tone Attendant Overflow, then Attendant
LOCL	1-(10)	Flexible length of Vacant Number Routing (VNR) Location digits (LOC). Enter the maximum number of LOC digits expected by VNR.
LSC	1-9999999	Local Steering Code. LSC can be one to seven digits. LSCs are required if the CDP DNs are longer than the local PDNs. The CLID sent for a CDP call is composed of the LSC defined in LD 15 plus the PDN of the calling set. Various ISDN network features depend on the CLID as the return address for sending feature control messages. Multiple LSCs may be defined in LD 87 for CDP but only one LSC can be defined here for the CLID. The LSC prompt appears only if the user has a five or six digit dialing plan, or if the DPNSS software package is equipped. LSC is prompted here if ISDN = NO, otherwise LSC is a sub-prompt of ISDN. Precede with X to remove
MAIN	(NO) YES	CAS Main
MATT	(NO) YES	Consoles used as Message Center Prompted with Message Waiting Center (MWC) package 46 and OPT = MCI.
MAXT	1-255	Maximum number of NFCR translation tables Once defined a lower value cannot be entered for MAXT. The sum of the values for MAXT and DCMX cannot exceed 255 or $MAXT + DCMX \leq 255$ per customer.

Prompt	Response	Comment
MBG	(0)-65535	Multi-location Business Group. Where: • 0 = no indication • 1 = reserved for public network • 2-65535 = Business Group Identifiers This parameter is used to define the Multi-location Business Group. It is not currently used by the MSL-1, but is added for interfacing with systems that require it.
MBNR	(OVF OVF OVF ATN)	Maintenance Busy Numbers
MCDC	(NO) YES	Malicious Call DN/CLID printing allowed
MCR	(NO) YES	Mini-CDR equipped
MCRT	xxxx	Malicious Call Trace Recorder route number as defined in LD 16.
MDID	(NO) YES	No Answer DID calls routed to Message Center Prompted with Message Waiting Center (MWC) package 46 and OPT = MCI.
MFID	a	Manufacturer Identifier. a = any alpha character 'X' followed by the Manufacturer Identifier of the Message Waiting Indication Non Specified Information table to delete. 'XALL' to remove all the existing Message Waiting Indication Non Specified Information tables.
MHLD	(NO) YES	Manual Hold after inquiry is not required Manual Hold after inquiry is required
MPO_DATA	(NO) YES	Change Multi Party Options
MPOP	(NO) YES	Multi-Party Operations Do not define certain multi-party options Define certain multi-party options Prompted with Multi-Party Operations (MPO) package 141.
MSCD	(NO) YES	Mandatory Speed Call Delimiter End of dial speed call delimiter is optional A delimiter is required to store the number. A confirmation tone is given if this option is configured.

LD 15

Prompt	Response	Comment
		MSCD is prompted with package scc-1.
MSSC	a	a = any alphanumeric character Manufacturer-specific service character for Message Waiting Notification.
MTAR	(NO) YES	Disable Meridian Mail Trunk Access Restriction Enable Meridian Mail Trunk Access Restriction MTAR is prompted if OPT = MCI and Message Center (MWC) package 46 is equipped.
MURT	0-511 X	Music Route Prompted if WAIT = MUS. To remove.
MUS	(NO) YES	Music for Sets Prompted with Enhanced Music (EMUS) package 119.
MUSR	(0)-511	Music Route for Sets The default is route "0" which is not normally a music route. Enter X to remove. Prompted if MUS = YES.
MWFB	(NO) YES	DID calls to busy telephones routed to Message Center Prompted with Message Waiting Center (MWC) package 46 and when OPT = MCI.
NBLK	(OVF OVF OVF ATN)	NARS/BARS blocked calls
NCOS	(0)-99	Network Class of Service for all Attendant consoles in this customer.
NDID	(NO) YES	No Answer non-DID calls routed to Message Center Prompted with Message Waiting Center (MWC) package 46 and when OPT = MCI.
NET_DATA	(NO) YES	Change ISDN and ESN networking options

Prompt	Response	Comment
NFCR	(NO) YES	New Flexible Code Restriction Do not enable New Flexible Code Restriction Enable New Flexible Code Restriction To build an IDC table in LD 49, NFCR and IDCA must be set to YES. NFCR is prompted with New Flexible Code Restriction (NFCR) package 49.
NFNA	(0)-63	Night Forward No Answer ring cycles The number of times a DID/DOD and CO trunk call will ring a set before being disconnected during Night Service. Prompted if OPT = DNCA.
NFNS	(0)-504	Night Forward No Answer Seconds If a value is entered for this prompt all outgoing CO/DOD trunk calls in a waiting state, and all incoming CO/DID trunk calls in the answered state will be disconnected after the time in seconds expires as entered in this prompt. The entered value must be a multiple of 8. Prompted if OPT = DNCS.
NINV	(OVF OVF OVF ATN)	Invalid NARS/BARS call
NIT	2-(8)	Network Alternate Route Selection (NARS) Interdigit Timer
NIT_DATA	(NO) YES	Change Night Service options
NIT1	x...x	First Night Service DN by time of day Up to four night service DNs can be defined. The time of day is specified by the prompts TIM1 to TIM4.
NIT2	x...x	Second Night Service DN by time of day
NIT3	x...x	Third Night Service DN by time of day
NIT4	x...x	Fourth Night Service DN by time of day
NIT5	x...x	Network Alternate Route Selection Interdigit Timer
NITR	(OVF OVF OVF ATN)	NARS/BARS invalid translation
NNT	0-253	Night Number Table

LD 15

Prompt	Response	Comment
		Speed Call List number designated to be used as the Night Number Table
NOTI	(NO) YES	Non Specified Information string for Message Waiting Notification.
NRES	(OVF OVF OVF ATN)	NARS/BARS calls which are restricted by Supplemental Digit Restriction (SDRR) intercept treatment. See prompt INTR for details.
NRWU	2-(5)	Number of Rings for Wake Up before recall to attendant
NSCP	(NO) YES	Network Station Camp-On to sets on this node allowed
NSO	0-9	Night Service Option number
NWT	(NO) YES	Night Call Waiting Tone enabled
OAS_DATA	(NO) YES	Change Off-Hook Alarm Security options
OCB1	(0) – [MAXT-1]	Outgoing Call Barring level 1 NFCR tree number to be used for OCB level 1. You may enter any digit between zero and your response to the MAXT prompt minus one. The default entry to OCB1 is zero (0).
	255	255 is a special entry which disallows this level.
OCB2	(0) – [MAXT-1]	Outgoing Call Barring level 2 NFCR tree number to be used for OCB level 2. You may enter any digit between zero and your response to the MAXT prompt minus one. The default entry to OCB2 is zero (0).
	255	255 is a special entry which disallows this level.
OCB3	(0) – [MAXT-1]	Outgoing Call Barring level 3 NFCR tree number to be used for OCB level 3. You may enter any digit between zero and your response to the MAXT prompt minus one. The default entry to OCB3 is zero (0).
	255	255 is a special entry which disallows this level.
ODN0	xxxx	OHAS DN for zone 0
ODN1	xxxx	OHAS DN for zone 1
ODN2	xxxx	OHAS DN for zone 2

Prompt	Response	Comment
ODN3	xxxx	OHAS DN for zone 3
ODN4	xxxx	OHAS DN for zone 4
ODN5	xxxx	OHAS DN for zone 5
ODN6	xxxx	OHAS DN for zone 6
ODN7	xxxx	OHAS DN for zone 7
ODN8	xxxx	OHAS DN for zone 8
ODN9	xxxx	OHAS DN for zone 9
OHAS	(NO) YES	Off-Hook Alarm Security Enter X to remove the OHAS DN's for the following zones.
OMPH	(NO) YES	CDR for outgoing packet data call This is the Call Detail Records for an outgoing packet data call from the Meridian Packet Handler to the Public Switched Packet Data Network
OPT	aaa	Options Multiple options separated by spaces are allowed in response to the OPT prompt. The last option must be followed by a carriage return <cr>. The <cr> inputs the options selected and is followed by either the next prompt or a system message.
	(BIND) BBIN EBIN	Break-In Indication Denied Basic Break-In Indication Extended Break-In Indication Only with Attendant Break-In (BKI) package 127.
	(BIXA) BIXD	Break-In to external call Allowed Break-In to external call Denied Only with Attendant Break-In (BKI) package 127.
	(BLA) BLD	Break-In to Line Lockout Set Allowed Break-In to Line Lockout Set Denied Only with Attendant Break-In (BKI) package 127.

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Prompt	Response	Comment
	(CFO) CFF	Call Forward Originating Call Forward Forwarding Either the Originating or Forwarding party's Class of Service is used to determine access to services or features on Call Forward.
	(CFRD) CFRA	Call Forward Reminder tone for 500/2500 telephone Call Forward Reminder tone for 500/2500 telephone
	(COX) COP	Central Office call No Priority for Ringing Central Office call Priority for Ringing Number Pickup or RNPU and Group Call Pickup GPU A
	(CPD) CPA	Call Park Denied Call Park Allowed. Call Park (CPRK) package 33 must be equipped.
	CPN	CPN enables the Call Park Network wide (CPRKNET) option. CPRKNET package 306 must be equipped.
	(CTD) CTA	Camp-On Tone Denied Camp-On Tone Allowed
	(CWRD) CWRA	CFNA treatment for Call Waiting calls on a DN Denied CFNA treatment for Call Waiting calls on a DN Allowed
	(DBD) DBA	Flexible Incoming Tones Denied on digital sets Flexible Incoming Tones Allowed on digital sets
	(DNCA)	If DNCA is entered, all DID/CO or DOD calls are disconnected after the number of ring cycles defined by the response to the NFNA prompt while the system is in Night Service.
	(DNX) DNI	ACD Dialed Number Identification Service feature excluded ACD Dialed Number Identification Service feature Included Only with Dialed Number Identification Service (DNIS) package 98
	(DSX) DSI	Data Services or server IS Excluded Data Services or server IS Included Only with Attendant Break-In (BKI) package 127.
	(FKA) FKD	Forward Key Allowed Forward Key Denied
	(HRLD) HRLA	Individual Hold Release Option Denied. Individual Hold Release Option Allowed.

Prompt	Response	Comment
(HTU) HTR	Hot Line access Unrestricted Hot Line access Restricted	If Restricted only Hot Line calls may terminate on Hot Line DN's. Only with Enhanced Hot Line (HOT) package 70.
(HVD) HVA	Handsfree Voice call Denied Handsfree Voice call Allowed	
(IC1) IC2	Incoming Call Indicator key/lamp strips One key/lamp strip = 10 ICIs Two key/lamp strips = 20 ICIs	
(IHD) IHA	Individual Hold Denied Individual Hold Allowed	
(LOD) LOA	Lockout Denied Lockout Allowed	LOA locks an attendant out of re-entering an established call on the console Hold key. The attendant can override with the Barge-In feature.
(LRD) LRA	Last Number Redial Denied Last Number Redial Allowed	Only with Last Number Redial (LNR) package 90.
(MCTD) MCTA	Malicious Call Trace signal Denied Malicious Call Trace signal Allowed	Only with Malicious Call Trace (MCT) package 107
(MCX) MCI	Message Center Excluded Message Center Included	
(MWUD) MWUA	Message Waiting Unconditional Denied Message Waiting Unconditional Allowed	
(PVCA) PVCD	Prevention of reciprocal Call Forward Allowed Prevention of reciprocal Call Forward Denied	
(REA) RED	Release on Exclusion Allowed Release on Exclusion Denied	
(RND) RNA	Ring Again No Answer Denied Ring Again No Answer Allowed	

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Prompt	Response	Comment
(ROX) ROI	Recorded Overflow Announcement Excluded Recorded Overflow Announcement Included	This treatment applies exclusively to congested consoles with Recorded Overflow Announcement (ROA) package 36.
(RTD) RTA	Coordinated Dialing Plan routing feature Denied Coordinated Dialing Plan routing feature Allowed	RTA allows DID routing with Distant Steering Codes over CO and WATS trunks. Only with Call Detail Recording (CDP) package 59.
(RTR) ROR	Terminating side of call determines ringing or buzzing cadence used Originating side of call determines ringing or buzzing cadence used	Only with Flexible Tones and Cadences (FTC) package 125.
(SBD) SBA	Flexible Incoming Tones Denied for SL-1 telephones Flexible Incoming Tones Allowed for SL-1 telephones	Only with Flexible Tones and Cadences (FTC) package 125.
(SYD) SYA	Secrecy Denied Secrecy Allowed	
(TTAD) TTAA	Time To Answer and Abandoned call records Denied Time To Answer and Abandoned call records Allowed	Only with New Format CDR (FCDR) package 234.
(VOBD) VOBA	Make Set Busy and Voice Call Override Enhancement Denied Make Set Busy and Voice Call Override Enhancement Allowed	
(XBL) IBL	Exclude Enhanced Busy Lamp Field Include Enhanced Busy Lamp Field	IBL and ILF cannot be used together. Only with M2250 Attendant Console (DCON) package 140.
(XDP) IDP	Exclude Digit Display Include Digit Display	
(XLDN) NLDN	Network-wide LDN denied Network-wide LDN allowed	

Prompt	Response	Comment
	(XLF) ILF	Exclude Busy Lamp Field array Include Busy Lamp Field array Busy Lamp Field Array is only used on QCW type consoles. IBL and ILF cannot be used together.
	(XTG) ITG	Exclude key/lamp expansion module Include key/lamp expansion module Used as Trunk Group Busy field or supervisory lamp field
PBLK	(ATN) RAN CPAS OVF	Call presented has higher precedence. Attendant Ran trunk Central Precedence answering station Overflow tone
PCDS	(NO) YES	Programming of Control Digits is not required Programming of Control Digits is required
PCMC	0-(15)-31	Pulse Code Modulation Conversions permitted in a network connection, μ -Law to A- Law or A- Law to μ -Law, in a network connection
PELK	(NO) YES	Do not enable Electronic Lock on Private Lines Enable Electronic Lock on Private Lines
PFAN	(ATN) RAN CPAS	Intercept if dialed DN fails to answer (Call waiting) Attendant Ran trunk Central Precedence answering station
PFNA	(ATN) RAN CPAS	Intercept if dialed DN fails to answer Attendant Ran trunk Central Precedence answering station
PHDT	1-(30)-63	Permanent Hold Timer Number of two second intervals between reminders, for example: 30 = 60 seconds. If Audible Reminder of Held Calls (ARHC) is enabled then DBRC takes precedence over PHDT. Prompted with 2500 Set Features (SS25) package 18.
PHIP	(ATN) RAN	Precedence dialed is higher than allowed. Attendant Ran trunk

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Prompt	Response	Comment
	CPAS OVF	Central Precedence answering station Overflow tone
PICP	(ATN) RAN CPAS OVF	Intercept treatment if called party cannot be preempted. Attendant Ran trunk Central Precedence answering station Overflow tone
PINT	(NO) YES	Change precedence Intercept treatment.
PINX_DN	xx...x	Node DN
PKND	(1)-4	Number of digits Dialed for Group Pickup Prompted with Directed Call Pickup (DCP) package 115. To determine the number of digits, count the number of digits of the highest number RNPG group.
PNI	1-32700	Private Network Identifier Each customer data block must have a unique PNI when multi-customer option is equipped. The PNI in the CDB functions as a logical customer number for routing incoming non-call-associated Transaction Capability Application Part (TCAP) facility messages to the appropriate ESN translations. PNI = 1 is typical for customer 0. It must be matched by the PNI in the far end RDB. Default PNI = 0 prevents the operation of features such as NRAG, NACD and NMS. Within one network, use the same value for PNI in both LD 15 and LD 16. When inter-working with different networks, the LD 15 PNI is for the local system and the LD 16 PNI is for the target or remote switch.
PORT	0-15 <cr>	CDR port Stop PORT prompt To remove a CDR port, change CDR = NO. Exit and re-enter LD 15, select CDR = YES, then add only the desired CDR port numbers. Precede with X to remove.
PORT	(0)-15	Serial Data Interface Port Monitor One Serial Data Interface Port Monitor per customer is recommended.

Prompt	Response	Comment
PREO	(0) 1	Pretranslation Option Disabled Enabled To enable the Pretranslation feature, the Pretranslation data block or Calling Group to Speed Call correlation must be configured in LD 18. Prompted with Pretranslation (PXLT) package 92.
PRMT	aaa	aaa = sequence of any alphanumeric character. max of 126 characters. Subsequent Non Specified Information parameters for Message Waiting notification. 'PRMT' is re-prompted until <CR> is entered, then the next prompt 'CANC' is prompted.
PSTN	(NO) YES	Public Service Telephone Networks Limit the number of PSTNs allowed in a network connection to one PSTN. The default (NO) puts no limit on the number of PSTN connections.
PWD_DATA	(NO) YES	Customer related passwords
PWD2	x...x	Second level administration Password Password length is 4-16 characters and is defined in LD 17. The SPWD password is not updated unless the PWD2 password is entered correctly. PWD2 must be entered before new ATAC is accepted.
R2BN	0-23 0-59	RAN2 Begin time
R2ED	0-23 0-59	RAN2 End time
RALL	(NO) YES	Mandatory Recall is not required prior to dialing control digits Mandatory Recall is required prior to dialing control digits
RAN1	0-127	Primary Ran route. Use RAN1 as the Primary route for Language 0 in a Multi Language AWJ application. The route must be unique. TYPE must = AWR in LD 16.

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Prompt	Response	Comment
RAN2	0-127	Secondary RAN route. Use RAN2 as the Secondary route for Language 0 in a Multi Language AWU application. The route must be unique. TYPE must = AWR in LD 16.
RANF	0-127	Music route. TYPE must = AWR in LD 16.
RANR	0-127	RAN Route number
RCLE	(ATN OVF ATN ATN)	Redirection Count Limit Exceeded as defined by TRCL ATN is not allowed for attendant calls. NAP is not allowed for any field for RCLE.
RCNT	0-(1)-5	Redirection Count for ISDN calls Maximum number of inter-node hops allowed in a network redirection call, only enforced when ISDN = YES. This field must be set to greater than 0 for a network redirection to take place.
RCY1	1-(6)-15	Number of Cycles of Re-ringing before forwarding to attendant or disconnecting. Applies only if RGNA = DAR or AAR.
RCY2	1-(4)-15	Number of Cycles of Ringing before forwarding to transferring station Valid only for the RGNA option.
RDR_DATA	(NO) YES	Change Call Redirection
RECD	(NO) YES	Malicious Call Trace Recorder is not activated Malicious Call Trace Recorder is activated Not prompted when defining a new customer.
REF0	xxxx	DN for Reference trunk 0
REF1	xxxx	DN for Reference trunk 1
REF2	xxxx	DN for Reference trunk 2
REF3	xxxx	DN for Reference trunk 3

Prompt	Response	Comment
REQ:		Request A colon following a prompt indicates enhanced processing. Enhanced processing allows a user to either view a list of possible responses or input an abbreviated response.
	?	Get a list of possible responses
	CHG	Change existing data block
	END	Exit overlay program
	NEW	Add new data block to the system
	OUT	Remove data block
RGNA	xxx yyy	Ringing No Answer treatment Where xxx is for internal calls and yyy is for external calls. Valid entries for xxx and yyy are: • AAR - Forward to Attendant or Night Service after re-ringing for RCY1 cycles • ATN - Forward to Attendant or Night Service • DAR - Disconnect After Re-ringing for RCY1 cycles • DIS - Disconnect • OVF - provide Overflow Tone • (STD) - Standard Operation (this is the default)
RICI	xx	ICI key numbers that may receive ROA Where: x = 0-9 if OPT = IC1 or 0-19 if OPT = IC2 Precede with X to remove.
RLA	0-127	Release Link route number. Route 31 is no longer an exclusively private route, unless designated as such in LD 16.
RLI	0-999	Route List Index
ROA_DATA	(NO) YES	Change Recorded Overflow Announcement
RPA	(NO) YES	Radio Paging Allowed
RR	0-127	RAN route number.

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Prompt	Response	Comment
RTIM	xxx yyy zzz	Recall. Where: • xxx = 0-(30)-378 (for Slow-Answer) • yyy = 0-(30)-510 (for Camp-On) • zzz = 0-(30)-510 (for Call waiting) These timers indicate in seconds the elapsed time before attendant recall. Slow Answer must be a multiple of six seconds while Camp-On and Call Waiting must be a multiple of two seconds, with odd numbers are rounded down. To change one timer all three fields must be input. For recalls timed at the local node using the redirection feature developed for DPNSS, no distinction can be made between Call Waiting calls and Slow-Answer recalls. The Slow-Answer value is used in both cases.
RTSA	(RSAD) RSAA RSAX	Recall To Same Attendant Denied Recall To Same Attendant Allowed Recall to Same Attendant allowed, with queuing on busy attendant
SACP	(NO) SNGL ALL	Semi-Automatic Camp-On not allowed Semi-Automatic Camp-On on a per-call basis Semi-Automatic Camp-On for all occurrences
SATD	0-(1)-5	Satellite Delays. Number of satellite delays allowed in a network connection
SBLF	(NO) YES	Standard Busy Lamp Field Prompted when response to SPVC is in the range 1-63.
SBUP	(YES) NO	Enable use of station control passwords for set based administration user level access. If SBUP = YES, a user needs to dial the User FFC followed by the Station Control Password to access User Level changes. If SBUP = NO, a user needs to dial only the User FFC.
SCPL	0-8	Station Control Password Length Must match network wide. SCPL replaces ELPL prompt. Enter "0" to disable the Electronic Lock (ELK) and Remote Call Forward (RCFW) features. A data dump and SYSLOAD are required to implement a change in the password length.

Prompt	Response	Comment
SDFL	384-(1024)-2048	Signal Destination Flash Timing
SIZE	0-(256)-4000	Specify maximum number of CLID entries needed.
SPRE	xxxx	Special Prefix number (1-4 digits) Precede with X to remove. The prefix must not conflict with the numbering plan.
SPVC	(0) 1-63	Supervisory console No Supervisor console Attendant number of Supervisory console Prompted with Supervisory Attendant Console (SPVC) package 93.
SPWD	xxxx	Secure Data Password Precede with X to remove. This password is entered when using LD 88 for authorization codes and LD 24 for Direct Inward System Access (DISA) block.
SRCD	0000-9999	Set Relocation Security Code. Default is (0000). Precede with X to remove. Prompted with Set Relocation (SR) package 53.
SRRT	0-127 X	Second RAN Route for ROA. Enter X to remove.
SRT	2-(40)-2044	Second RAN Time, in seconds before second RAN given
STCB	(NO) YES	Station Camp-On Busy allowed
STRG	(#), xxx	String to indicate end-of-dialing Up to three characters are allowed as defined by STRL. Valid entries are: digits 0 through 9, asterisk or *, and octothorpe or #. Default is (#). The default (#) cannot be used with the Outpulsing, Asterisk, and Octothorpe (OPAO) feature package 104.
STRL	1-3	String Length of end-of-dial indicator
T100	xxx...x	DN for Type-100 test line
TGLD	0-(1)-9, *, #	Control digit for Toggle

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Prompt	Response	Comment
TIM_DATA	(NO) YES	Change Timers
TIM1	hh mm	Hour and Minute for First Night Service DN. Enter the hour and minute for First Night Service DN. Where: hh = 0-23, mm = 0-59 Enter X to remove the time. TIM1 should be set earlier than TIM2, 3 and 4. If no time is entered here, the system assumes a 24-hour clock.
TIM2	hh mm	Time for Second Night Service DN
TIM3	hh mm	Time for Third Night Service DN
TIM4	hh mm	Hour and Minute for Fourth Night Service DN For all of the entries in the Night Service Time of Day (NSTOD) feature, entering X for the DN deletes the existing value for that entry. Entering <cr> allows the user to select an existing entry, or skip to another entry.
TIME	0-(15)	Malicious Call Trace Alarm Time
TNDM	0-(15)-31	Tandem threshold/loop avoidance limit This is the value permitted in a network connection. If the value entered is greater than 25, then 25 will be used for DPNSS calls. Prompted when Integrated Services Digital Network (ISDN) package 145 and ISDN Supplementary Features (ISDN INTL SUP) package 161.
TRCL	(0)-7	Total Redirection Count Limit Number of times that a call can be redirected before being intercepted. (0) means that redirection is not limited by this feature, but is limited by various configurations.
TRCR	(NO) YES	Carriage Return sent after each CDR message
TRNX	(NO) YES	Prevent transfer on ringing of supervised external trunks across a private network Allow transfer on ringing of supervised external trunks across a private network
TST_DATA	(NO) YES	Change Test lines

Prompt	Response	Comment
TST0	xxxx	DN for Test Trunk 0
TST1	xxxx	DN for Test Trunk 1
TST2	xxxx	DN for Test Trunk 2
TST3	xxxx	DN for Test Trunk 3
TSTL	(NO) YES	Test Lines for this customer Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. The following prompts are used for transmission testing. Refer to NTP 553-2001-325 Transmission Capabilities.
TTBL	(0)-31	Tone Table number Table 0, North American default values, is created when the first customer is created. Refer to the <i>Flexible Tone and Digit Switches</i> NTP for other tables. Prompted with Flexible Tones and Cadences (FTC) package 125.
TYPE:	CDB DEFAULT ?	Type of data block Customer Data Block Default Customer Data Block (when REQ = NEW) Get list of possible responses You may directly access a given data block by entering the first three or all the letters of one of the responses listed below. A colon following a prompt indicates enhanced processing. Enhanced processing allows a user to either view a list of possible responses or input an abbreviated response. You may view the revised <i>Prompts and responses</i> sequence for LD 15 on page 163. Gate openers: AML_DATA Application Module Link options ANI_DATA Automatic Number Identification numbers ATT_DATA Attendant Console options CCS_DATA Controlled Class of Service options CDR_DATA CDR and Charge Account options FCR_DATA New Flexible Code Restriction options

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Prompt	Response	Comment
	FFC_DATA	Flexible Feature Code options
	FTR_DATA	Features and options
	IMS_DATA	Intergraded Message Service options
	INT_DATA	Intercept treatment options
	LDN_DATA	Departmental Listed Directory Numbers
	MPO_DATA	Multi-Party Options
	NET_DATA	ISDN and ESN Networking options
	NIT_DATA	Night Service options
	OAS_DATA	Off-Hook Alarm Security options
	PWD_DATA	Customer related Passwords
	RDR_DATA	Call Redirection
	ROA_DATA	Recorded Overflow Announcement options
	TIM_DATA	Timers
	TST_DATA	Test lines
UBRI	(OVF NAP NAP NAP)	Universal BRI
UMG	(NO) YES	User to User Messaging enabled
UST	(NO) YES	User Status Update enabled
VNR	(NO) YES	Vacant Number Routing Prompted with Flexible Numbering Plan (FNP) package 160.
VSID	0-15	Value added Server Identifier Enter the identifier number of the Value-Added Server or VAS providing the services such as Voice Messaging. Enter X to remove the VSID.
WAIT	(RGB) MUS SIL	Treatment during waiting time for ROA Ringback Music Silence
XRFP	x...x	External Attendant Remote Call Forward Password The password length is 1-8 digits. The password is numeric only.
XRFR	(NO) YES	External Attendant Remote Call Forward Password Required

LD 16—Route Data Block, Automatic Trunk Maintenance

This Overlay program allows data for trunk routes, ATM schedule hours, or ATM routes to be created or modified.

When the Overlay is loaded the available system memory and disk records are output in a header as follows:

RDB000

MEM AVAIL: (U/P): xxxxxx USED: xxxxx TOT: xxxxxxxx

DISK RECS AVAIL: xxxxx

Trunk route 31 is no longer reserved for Private routes. Private routes can be configured individually by the customer on any available CO trunk route.

After making any changes to the route data block, IPE trunk cards must be downloaded with **ENLC c** command in LD 32.

Prompts and responses

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RDB: Route data block

Prompt	Response	Comment
REQ	aaaa	Request (aaaa = CHG, END, LCHG, NEW, or OUT)
TYPE	RDB	Type of data block = RDB (Route data block)
CUST	(0)	Customer number
DMOD	nn	Default model
ROUT	0-127	Route Number
DES	x...x	Designator field for trunk (0-16 character alphanumeric)
TKTP	a...a	Trunk Type (TKTP responses begin on page 266)
PRIV	(NO) YES	Private Line Route
ESN	(NO) YES	Electronic Switched Network or ESN pad control
SIGL	a...a	Layer 3 Signaling (a...a = APNS, BEL, DAS, DPN, NT4, or NTS)
CNVT	(NO) YES	Conventional (applies only to Tie trunks)
- DDMI	(0)-255	Digit Manipulation Index
- ATDN	(0)-x...x	Attendant DN
SAT	(NO) YES	Satellite used for trunk route via earth orbiting satellite
RCLS	aaa	Route Class (aaa = (EXT) or INT)
IDEF	(NET) LOC	Internal/external definition
DTRK	(NO) YES	Digital Trunk Route

- IFC	a...a	Interface type for route (IFC responses are listed on page 244)
- CLID	OPTx	Calling Line Identification (x = 0, 1, 2, 3, 4, or 5)
- PROG	a...a	Progress signal (a...a = NCHG, MALE, or MCON)
- SBN	(NO) YES	Send Billing Number
- SIDE	aaa	Meridian SL-1 Node Type (aaa = (NET) or USR)
- RCAP	a...a	Remote Capabilities (RCAP responses can be found on page 255)
BCOT	(0) - 4000	B-Channel Overload Control timer
INTC	(NO) YES	Speech calls to data sets are (NO = rejected; YES = intercepted) by the an attendant
ISDN	(NO) YES	Integrated Services Digital Network option
- MODE	a...a	Mode of operation (a...a = APN, ISLD, or PRA)
- DCH	0-15	D channel number
- DCHI	1-15	DCHI port number
- IFC	a...a	Interface type for route (IFC responses are listed on page 244)
- SBN	(NO) YES	Send Billing Number
- SRVC	a...a	Service type for AT&T ESS connections (SRVC responses can be found on page 260)
- - SRPM	0-(15)-255	Service Parameter
- - PNI	(0)-32700	Private Network Identifier
- NCNA	(YES) NO	Network Calling Name Allowed
- NCRD	(NO) YES	Network Call Redirection
- - TRO	(NO) YES	Trunk Route Optimization
- INAC	(NO) YES	Insert ESN Access Code to incoming private network call
- NSF	(NO) YES	Network Service Facility
- COTR	0-511	DID/CO Trunk Reference route number
- TIER	0-511	Tie Reference route number
- WATR	0-511	Wide Area Telephone Service or WATS Reference route
- CHTY	a...a	Channel Type (a...a = (BCH) or ABCH)
- CTYP	a...a	Call Type for outgoing direct dialed TIE route (a...a = (UNKN), CDP, INTL, LOC, NPA, NXX, or SPN)
- INAC	(NO) YES	Insert ESN Access Code
- ISAR	(NO) YES	Integrated Service Access Route
- - RTN	0-511	Route Number
- - CBCR	(NO) YES	Service route indicator
- - FACY	(NO) YES	Facility indicator

LD 16

-- SID	0-511	Service Identification
-- MIN	0-254	Minimum number of channels
-- MAX	1-254	Maximum number of channels
-- PRIM	(YES) NO	Primary
-- NCOS	(0)-99	Network Class of Service group number
-- CLS	a...a	Class of Service (a...a = (CTD), CUN, FR1, FR2, FRE, SRE, TLD, or UNR)
-- TGAR	0-(1)-31	Trunk Group Access Restrictions
- IEC	001-999	Inter-Exchange Carrier ID
CPFXS	(YES) NO	Customer-defined Prefixes
HNTN	0-9999	Home National Number
HLCL	0-9999	Home Local Number
ADDP	(NO) YES	Add Public Prefixes
- DSEL	aaa	Data Selection (aaa = (VOD), DTA, TDN, 3VC, 3DA, or VCE)
PTYP	a...a	Port Type at far end (PTYP responses begin on page 254)
AUTO	(NO) YES	Auto terminate
- DNIS	(NO) YES	ACD DNIS route
- - NDGT	x	Number of DNIS Digits (aaa = 3 or 4)
- - WDGT	a	First or last 4 DNIS digits to be sent on APL and HSL (a = (L) or F)
- - DCDR	(NO) YES	Include DNIS number in CDR records
IANI	(NO) YES	In-Band Automatic Number Identification route
RTYP	aaa	Recording device for RAN trunks (aaa = AUD, CAP, CK2, CKM, CON, DGT, LVL, or PUL)
- LGTH	4-(60)- 7200	Maximum message length in seconds
- GRD	aaaa	Ground Start Arrangement (aaaa = (IDLE) or PLAY)
REP	1-15	Repetitions of recorded announcements
POST	aaa	RAN Post announcement treatment (aaa = DIS or ATT)
STRT	aaa	Start arrangement (aaa = IMM or DDL)
WAIT	(RGB) MUS	Ringback for calls queueing for RAN trunk
- MRT	0 - 511	Music route for RAN queueing
ASUP	aaa	Answer Supervision returned by RAN to originator (aaa = (NO), YES, or CO)
SIGL	aaa	Signaling interface for CAMA trunks (aaa = BEL, NT4, or NT5)
FORM	aaa	Format for CAMA trunk signaling (aaa = M1A, M2B, or M3C)
AUDN	xxxx	Auto termination DN for ISA service routes

ICOG	aaa	Incoming and Outgoing trunk (aaa = IAO, ICT, or OGT)
RANX	(NO) YES	RAN for calls diverted to external trunks
- RANR	0-511	RAN Route number for the desired RAN route
SRCH	aaa	Search method for outgoing trunk member (aaa = (LIN) or RRB)
TRMB	(YES) NO	Tromboning
STEP	0-511	Alternate trunk route for outgoing trunks
FACN	(0) - 99999	Tie or FX facility number
BAND	(0) - 99	OUTWATS band number
ACOD	x...x	Access Code for the trunk route
CLEN	0 - (1)- 3999	CLID entry number
CPP	(NO) YES	Calling Party Privacy Flag
- TCPP	(NO) YES	CPP flag for incoming non-ISDN trunk call tandemed to this trunk route
- DTPI	(*67) nnnn	Privacy indicator for a digitone trunk
- DPPI	(1167) nnnn	Privacy indicator for a dial-pulse trunk
TARG	0-(1)-31	Trunk Access Restriction Group
BILN	(NO) YES	Billing Number Required
- BLEN	1-(10)-16	Billing Number Length
- BNUM	0-x...x	Billing number (1 to 16 digits depending on BLEN)
- BDSP	(NO) YES	Billing Number Displayed
ATGT	(0)-60	ADM Trunk Guard Timer
ASTP	1-(2)-15	ADM Step-Forward ring cycles
SGRP	(0)-999	Scheduled Access Restriction Group
OABS	0-9	Actual outgoing toll digits to be ignored for Code Restriction
IABS	(0)-3	Number of incoming digits to be absorbed
CAT	00-99	CAMA trunk route category digits
ID	(0)-9	Identification digit for CAMA trunk routes
STRK	(NO) YES	Super Trunk group feature
SPTO	(NO) YES	Super Trunk Option
ANKP	(NO) YES	KP signal suppressed
INST	(0)-99999999	Insert
JDGT	1-(4)	Japan central office Digits
IDC	(NO) YES	Incoming DID Digit Conversion on this route
- DCNO	(0)-254	Day IDC tree number
- NDNO	0-254	Night IDC tree number

- DEXT	(NO) YES	Display External dialed digits
- - DNAM	(NO) YES	Display IDC Name
ANTK	x...x	ANI identifier number
SIGO	a...a	Signaling arrangement (a...a = (STD), ESN2, ESN3, ESN5, ETN, or EN19)
- STYP	aaaa	Standard Signaling Type (aaaa = (SDAT) or STDN)
MFC	(NO) YES	Multifrequency Compelled or MFC Signaling
ICIS	(YES) NO	Incoming Identifier Send
ICDN	x...x a...a	Incoming route DN (x...x = 1-7 digit CLID DN; a...a = (NO) or CLID entry of 0-125 for trunk DN)
ICNP	a...a	Incoming Numbering Plan (a...a = (UKWN), PUB, or PRV)
ICNT	a...a	Incoming Numbering Type (a...a = (UKWN), INTL, NTN, LCL, LOC, CDP or SPN)
ICPS	(YES) NO	Incoming Presentation Status
OGIS	(YES) NO	Outgoing Identifier Send
OGDN	x...x a...a	Outgoing route DN (x...x = 1-7 digit CLID DN; a...a = (NO) or CLID entry of 0-125 for trunk DN)
OGNP	a...a	Outgoing Numbering Plan (a...a = (UKWN), PUB, or PRV)
OGNT	a...a	Outgoing Numbering Type (a...a = (UKWN), INTL, NTN, LCL, LOC, CDP or SPN)
OGPS	(YES) NO	Outgoing Presentation Status
CNTL	(NO) YES	Changes to Controls or timers
- TIMR	aaa xxx	Trunk Timers (TIMR range definitions begin on page 262)
- SST	xx y	Seizure Supervision Timer in seconds
NEDC	aaa	Near End Disconnect Control (aaa = ORG or ETH)
FEDC	aaa	Far End Disconnect Control (aaa = (ORG), ETH, JNT, or FEC)
CPDC	(NO) YES	SL-1 is the only Controlling Party on incoming calls
SPCT	aaa	Speech Path Cut-Through (aaa = (IMM) or DLY)
DLTN	(NO) YES	Dial Tone on originating calls
- TOV	(0)-3	Data Timeout Value
- PSEL	aaaa	Protocol Selection (aaaa = (DMDM) or TLNK)
- OPE	(NO) YES	Change data port Operating parameters
- - PSDS	(NO) YES	Public Switched Data Service option
- - TRAN	a...a	Transmission mode (a...a = (ASYN) or SYN)
- - PAR	a...a	Parity for data port (a...a = (SPAC), EVEN, MARK, or ODD)
- - DTR	(OFF) ON	Data Terminal Ready
- - DUP	aaaa	Duplex for data port (aaaa = (FULL) or HALF)

-- DCD	(ON) OFF	Data Carrier Detect
-- MOD	(NO) YES	Mode for synchronous operation
-- INT	(OFF) ON	Interworking
-- CLK	(OFF) ON	Clock source for synchronous operation
-- V25	(NO) YES	V.25 bis option for synchronous operation
-- HDLC	(NO) YES	High Level Data Link Control
-- DEM	aaa	Data Equipment Mode (aaa = (DCE) or DTE)
-- PBDO	(OFF) ON	Port Busy upon DTR Off
ANDT	(NO) YES	Automatic Number Identification Dial Tone
HOLD	ic dc ht	Hold failure threshold
SEIZ	ic dc	Seize failure threshold
RGFL	ic dc	Ring Failure threshold
RVSD	ic dc	Reversed wired CO trunk threshold
ILLR	ic dc	Illegal Ring threshold
SVFL	ic dc	Supervision Failure
DRNG	(NO) YES	North American Distinctive Ringing for incoming calls
BTUA	(NO) YES	Block Transfer of Unanswered Call
CDR	(NO) YES	Call Detail Recording
- INC	(NO) YES	CDR records generated on incoming calls
- LAST	(NO) YES	CDR record printing content option for redirected calls
- TTA	(NO) YES	Time To Answer output in CDR
- ABAN	(NO) YES	Abandoned call records output for this route
- QREC	(NO) YES	CDR ACD Q initial connection records to be generated
- OAL	(NO) YES	CDR on outgoing calls
-- OTL	(NO) YES	CDR on Outgoing Toll calls
-- AIA	(NO) YES	Answered call Identification Allowed
-- OAN	(YES) NO	CDR timing starts On Answer supervision of outgoing calls
-- OPD	(NO) YES	Outpulsed Digits in CDR
- CDRX	(NO) YES	Print CDRX records on multiple call transfer for non-PPM outgoing calls
NATL	(YES) NO	North American Toll scheme
- TDG	x...x	Toll Digits
MUS	(NO) YES	Music On-Hold
- MRT	0-511	Music Route number

MR	aaa	Message Registration (aaa = (NO), DURC, ENDC, PPM, RVB, STAC, or XLD)
DSPD	(NO) YES	Real Time AOC Display
RACD	(NO) YES	Route traffic information in ACD Reports
RUCS	0-9999	Route Unit Cost
RURC	x y	Route Unit Reference Cost
RUCF	x y	Route Unit Conversion Factor
MULT	(NO) YES	Multiplier for Charge Information
DSPT	0-(10)-60	Charge Display Timer
MANO	(NO) YES	Manual Outgoing trunk route
EQAR	(NO) YES	Enable Equal Access Restrictions
- GCR	(NO) YES	General Carrier Restriction to restrict Equal Access calls
- - NTOL	(DENY) ALLOW	North American Toll calls (i.e., 1+calls)
- - ITOL	(DENY) ALLOW	International Toll calls (i.e., 011+calls)
- SCR	(NO) YES	Selective Carrier Restriction to restrict Equal Access calls
FRL	0-7 0-254	Facility Restriction Level
OHQ	(NO) YES	Off-Hook Queuing
OHQT	(0)-63	Off-Hook Queue Threshold
CBQ	(NO) YES	Call Back Queuing
NDIG	(2)-7	Number of Digits
AUTH	(NO) YES	Authcode
TDET	(NO) YES	Tone Detector required
TTBL	(0)-31	Tone Table number
OHTD	(NO) YES	Off-Hook Timer Delay
PLEV	0-(2)-7	Priority Level
OPR	(NO) YES	Outpulsing Route
OPDL	(0)-8064	Outpulsing Delay in milliseconds
MCTS	(NO) YES	Malicious Call Trace Signal
- MCCD	0-8	Malicious Call Trace request string
- MCDT	(0)-4	Malicious Call Trace Delay Time in seconds
- MCTM	(0)-30	Malicious Call Trace request Timer id
- MTND	(NO) YES	Malicious Call Trace Tandem Disconnect delay
FGNO	(0)-127	Feature Group D block number
ALRM	(NO) YES	Malicious Call Trace Alarm is allowed for external calls
DCTI	(0)-511	Time (in seconds) that an extension is allowed to ring or be On-hold or Call Park before the trunk is disconnected

Release Mechanism Options

The following table indicates whether a release signal is acknowledged or not. YES indicates the release signal is acknowledged, NO indicates the release signal is not acknowledged.

Table 4
Release Mechanism Options

RLSM Option	Incoming Calls		Outgoing Calls	
	Originator On-Hooks first	Terminator On-Hooks first	Originator On-Hooks first	Terminator On-Hooks first
0	NO	NO	NO	NO
1	NO	NO	NO	YES
2	NO	NO	YES	NO
3	NO	NO	YES	YES
4	NO	YES	NO	NO
5	NO	YES	NO	YES
6	NO	YES	YES	NO
7	NO	YES	YES	YES
8	YES	NO	NO	NO
9	YES	NO	NO	YES
10	YES	NO	YES	NO
11	YES	NO	YES	YES
12	YES	YES	NO	NO
13	YES	YES	NO	YES
14	YES	YES	YES	NO
15	YES	YES	YES	YES

Alphabetical list of prompts

Prompt	Response	Comment
ABAN	(NO) YES	Abandoned call records output for this route
ACOD	x...x	Access Code for the trunk route The ACOD must not conflict with the numbering plan. Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
ADDP	(NO)	Add Public Prefixes The prefixes 0 (National) or 00 (International) <i>are not</i> added to the Calling Party Number if the Type of Number (TON) is Public on the set/attendant displays
	YES	The prefixes 0 (National) or 00 (International) <i>are</i> added to the Calling Party Number if the Type of Number (TON) is Public on the set/attendant displays
AIA	(NO) YES	Answered call Identification Allowed Enter YES to output an "A" in the CDR TerID field to indicate answered calls. Prompted when OAL = YES or OTL = YES.
AIOD	(NO) YES	Identification of outgoing calls
ALRM	(NO) YES	Malicious Call Trace Alarm is allowed for external calls
ANDT	(NO) YES	Automatic Number Identification Dial Tone
ANKP	(NO) YES	KP signal suppressed
ANTK	x...x	ANI identifier number Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. In either case, together with ANLD and ANI Listed DN in LD 15, the total number of digits must be no less than 7.
ASTP	1-(2)-15	ADM Step-forward ring cycles

Prompt	Response	Comment
ASUP	(NO) YES CO	Do not return Answer Supervision by RAN to originator Return Answer Supervision by RAN to originator Return Answer supervision only if the originator is a CO trunk The operation of answer supervision is affected with FCC Compliance for DID Answer Supervision (FC68) package 223. Refer to FCC Compliance for DID Answer Supervision, in X11 features and services.
ATDN	(0)-x...x	Attendant DN of conventional main, ESN main, ESN node or ETN node. Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
ATGT	(0)-60	Add on Data Module (ADM) Trunk Guard Timer Two-second increments up to one minute, odd entries are rounded down to the next valid number.
AUDN	xxxx	Auto termination DN for ISA service routes Prompted when ISAR = YES and AUTO = YES. This must be an existing DN, and cannot be deleted. When DNIS = YES, it must be an ACD DN.
AUTH	(NO) YES	Authcode to be prompted for incoming NARS/BARS calls
AUTO	(NO) YES	Auto-Terminate The route members terminate on DN defined by response to ATDN prompt in LD 14. The route members terminate normally. Only ACD DNs or DISA DNs support Auto-Terminate trunks. In order to set AUTO = YES for TIE, DID and CCSA trunks, all members of the route must have STR1 = IMM in LD 14.
BDSP	(NO) YES	Billing Number is not displayed at the CO Billing Number is displayed at the CO
BILN	(NO) YES	Billing Number is not required Billing Number is required
BLEN	1-(10)-16	Billing Number Length

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Prompt	Response	Comment
BNUM	0-9999	Billing Number Depending on your response to BLEN, BNUM can be from 1 to 16 digits. If BLEN is changed, a new BNUM must be entered. If the BNUM entered is less than the BLEN specified, the BNUM will be padded with leading zeros.
BTUA	(NO) YES	Block Transfer of Unanswered call
CAT	00-99	CAMA Trunk route category digits Prompted if SIGL = NT4 or NT5
CBQ	(NO) YES	Call Back Queuing Use only for incoming TIE calls.
CBCR	(NO) YES	Service route indicator
CDR	(NO) YES	Call Detail Recording Set and change CDR options for this route.
CDRX	(NO) YES	Print CDRX records on multiple call transfer for non-PPM outgoing calls. This prompt appears if CDRX package is equipped and MR is not equal to PPM. Also CDR = YES, TKTP = COT or DID for International DID/DOD and ICOG cannot be ICT.
CHTY	(BCH) ABCH	Channel Type B-channel A/B bit signaling Prompted when DTRK = YES, ISDN = YES and Mode = PRA.
CLK	(OFF) ON	External Clock source Internal Clock source Prompted if TKTP = MCU and TRAN = SYN
CLS	(CTD) CUN FR1 FR2 FRE SRE TLD	Class of Service access restriction. Prompted if TKTP = TIE. Conditionally Toll Denied Conditionally Unrestricted Fully restricted class 1 Fully restricted class 2 Fully restricted Semi-Restricted Toll Denied

Prompt	Response	Comment
	UNR	Unrestricted
CLID		Calling Line Identification. CLID is prompted only for UIPE-based protocols.
	OPT0	Prefix = 0 for North American dialing plan. OPT0 is the default for ESIG and ISIG interfaces.
	OPT1	Prefix = 1 for international PFXs in CLID. Any numbering type is supported. OPT1 is the default for all EuroISDN interfaces.
	OPT2	Prefix = 2, for international PFXs in CLID. CCITT numbering types supported are: UKWN, INTL, NPA, and NXX. OP2 is the default for CO/DID routes for the Telecom New Zealand interface.
	OPT3	Prefix = 3 for international PFXs in CLID. Only the NXX number type is supported. OPT3 is the default for TIE routes for the Telecom New Zealand interface.
	OPT4	For international COs, if the call originates from a CO trunk type, add nothing. Otherwise, add PFX1 and PFX2. OPT4 is the default for the Hong Kong, Singapore, and Thailand interfaces.
	OPT5	This is the same as OPT4, except it supports a maximum of 10 digits in the CLID. OPT5 is the default for the Austrian interface.
CPFXS		Customer-defined Prefixes option.
	(YES)	When constructing the Calling or Connected Line Identification, the prefixes are retrieved from the Customer Data Block via the PFX1 and PFX2 prompts in LD 15, as is currently done.
	NO	When constructing the Calling or Connected Line Identification, the prefixes are retrieved from the Route Data Block via the HNTN and HLCL prompts in LD 16.
CNTL	(NO) YES	Changes to controls or timers
CNTY		Country
	(ESTI)	ETS 300-102 basic protocol
	NET	ETSI network side protocol
CNVT	(NO) YES	Conventional switch route Prompted with Network Signaling (NSIG) package 37.

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Prompt	Response	Comment
COTR	0-127	DID/CO Trunk Reference route number Determines how incoming public call types are handled for the associated Integrated Service Access route or ISA. Prompted when TKTP = ISA and IFC = D100 or SL-1 and NSF = NO or YES. Precede with X to delete.
CPDC	(NO) YES	SL-1 is the only controlling party on incoming calls. If CDPC = YES, the connection stays up until it is disconnected by SL-1. This is used for 911 emergency services.
CPP	(NO) YES	Calling party privacy flag. A response of YES indicates that the CPP feature is recognized in this trunk route. CPP is prompted only if: 1. CPP package 301 is equipped 2. trunk is either OGT or IAO 3. non-ISDN option 4. trunk route type = COT, DID, FEX or WAT
CTYP	(UKWN) CDP INTL LOC NPA NXX SPN	Call Type for outgoing direct dialed TIE route Unknown Call type Coordinated Dialing Plan International number Location code National number Subscriber number Special Number for other than international number format The CTYP is used by the receiving switch so that it can associate a call with a call type and perform ESN access code insertion. This option only applies to direct dialing using trunk access codes. NARS and BARS dialing do not apply here. If you intend to respond YES to prompt ISAR, use the default <cr> for this prompt. If ISAR = YES, then CTYP prints UNWN and does not permit you to enter a response.
CUST	0	Customer number associated with this route
DCD	(ON) OFF	Data Carrier Detect Data Carrier Detect lead follows state of lead on device to which it is connected. Data Carrier Detect lead forced active. Prompted if TKTP = R232 or MCU.

Prompt	Response	Comment
DCDR	(NO) YES	Include DNIS number in CDR records This prompt appears for ISDN routes to support Network ACD.
DCH	0-15	D Channel number
DCNO	(0)-254	Day IDC tree number
DCTI	(0)-511	Time, in seconds, that an extension is allowed to ring or be On-Hold or Call Park before the trunk is disconnected. Respond with a value equal to the number of seconds a set is to ring after recall, plus the value of the Call Park Recall Timer. The Call Park Recall Timer is defined in LD 50 in response to the CPTM prompt. Default or <cr> means that the condition goes on indefinitely. The value stored - which will be the closest lower multiple of four - is echoed back upon entry.
DDMI	(0)-127 (0)-255	Digit Manipulation Index Basic Alternate Route Selection Network Alternate Route Selection Prompted with either Basic Alternate Route Selection (BARS) package 57 or Network Alternate Route Selection (NARS) package 58.
DEM	(DCE) DTE	Data Equipment Mode. Prompted if TKTP = R232. Data Carrier Equipment Data Terminal Equipment
DES	x...x	Designator field for trunk groups of 0-16 alphanumeric characters (this is an optional entry)
DEXT	(NO) YES	Display External dialed digits Do not display original digits Display original digits pre converted Prompted if AUTO = NO, DNIS = NO and IDC = YES.
DGTP	DTI PRI	Digital Trunk Type for route. 1.5 Mb/s DTI (If BRIP = NO, then default is DTI) ISDN 23B + D (If BRIP = YES, then default is PRI)
DLTN	(NO) YES	Dial Tone on originating calls Provide dial tone to the far end when the trunk has been accessed from the far end.

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Prompt	Response	Comment
DNAM	(NO) YES	Display IDC name Prompted with Calling Party Name Display (CPND) package 95. Prompted following NDNO if DNIS = YES.
DNIS	(NO) YES	ACD DNIS route Prompted with Automatic Call Distribution Package D (ACDD) package 50, and the RTYP = TIE or DID.
DPPI	(1167) nnnn	Privacy indicator for a dial-pulse trunk. Any arbitrary digit (0-9) sequence up to 4 digits may be entered. If CPP prompt is changed from NO to YES and <cr> is entered, DPPI defaults to 1167.
DRNG		North American Distinctive Ringing for incoming calls
	(NO)	For TIE trunks to provide normal ringing (i.e., make/ break/ make/ break, 0.25 sec./ 0.25 sec./ 2.25 sec. to incoming calls terminating on stations)
	YES	For CO trunks to provide distinctive ringing (i.e., make/break, one second/two seconds to incoming calls terminating on stations). Distinctive Ringing only applies to CAM, COT, DID, FEX, TIE and WAT trunks. These trunks cannot be configured as outgoing only for prompt ICOG.
DSBL	(0)-100	Percentage of trunks to be disabled if loss or noise reaches the out-of-service limit
DSEL		Data Selection
	(VOD)	Voice or Data route
	DTA	Data-only route
	TDN	Transparent Data Network
	VCE	Voice-only route
	3DA	Data route and 3.1 kHz
	3VC	Voice route and 3.1 kHz Prompted if DGTP = DTI, DTI2 or JDML.
DSPD	(NO)	Real Time Advice Of Charge Display Do not display charge information during call
	YES	Display charge information during call DSPD applies to Aries sets (M2006, M2008, M2016, M2216, and M2616) on a per route basis. To activate this feature, the prompt MR must be set to either DURC or ENDC.

Prompt	Response	Comment
DSPT	0-(10)-60	Charge Display Timer in seconds DSPT determines how long charge information is display at the end of the call.
DTPI	(*67) nnnn	Privacy indicator for a digitone trunk Any arbitrary digit (0-9) sequence up to 4 digits can be specified. Only the first digit may be an asterisk (*). If CPP prompt is changed from NO to YES and <cr> is entered, DTPI defaults to *67.
DTR	(OFF) ON	Data Terminal Ready. Prompted if TKTP = R232 or MCU. DTR lead follows state of the lead on the device to which it is connected DTR lead always forced active
DTRK	(NO) YES	Digital Trunk Route. Prompted with PBX Interface for: • DTI/CPI (PBXI) pkg 75
DTYP	(IOP) IDP ODP	Inbound/Outbound Data Port Inbound Data Port Outbound Data Port
DUP	(FULL) HALF	Duplex for data port Full duplex Half duplex Prompted if TKTP = MCU.
EML	0-15	Expected Measured Loss (in dB)
EQAR	(NO) YES	Enable Equal Access Restrictions Prompted when TKTP = CO, FEX, WAT, or ISA, and ICOG = OGT, or IAO.

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Prompt	Response	Comment
ESN	(NO) YES	Electronic Switched Network pad control for NT8D15 XEM card. This only applies to trunk routes whose members may use 4-wire E&M or DX signaling on an Electronic Switched Network. This prompt is the replacement for the ESN switch setting on the QPC237 circuit card. When YES is selected, a 1 dB improvement in loss levels is provided on trunk to trunk calls using the NT8D15 units. Prompted with Network Alternate Route Selection (NARS) package 58 and Meridian 1 Extended Peripheral Equipment (XPE) package 203.
FACY	(NO) YES	Facility indicator for Private or TIE connection. Tie connection in the NSF IE Private connection in the NSF IE Trunk routes to a DMS-250 automatically have FACY set to YES. All others default to NO. FACY is prompted when TKTP = TIE, ISAR = YES, and IFC = D100, D250 or S100.
FEDC		Far End Disconnect Control This entry should correspond to the type of disconnect control used by the far end apparatus of this trunk route. Loop start trunks may be assigned either ORG or ETH.
	(ORG)	Originating end control The apparatus recognizes conditions on the near end only for calls originated by the Meridian SL-1. This does not allow trunk to trunk connections.
	ETH	Either end control Conditions at the near end are recognized for both incoming and outgoing calls. This allows trunk to trunk connections subject to normal access restrictions. (e.g., TGAR)

Prompt	Response	Comment
	FEC	Far end control FEC allows trunk to trunk connections. FEC involves the following sequences for disconnect at the near end: When the near end goes on-hook first, the DSI (half disconnect) timer starts. If the far end of the trunk goes on-hook before the DSI timer runs out, then the trunk is idled immediately and the DSI timer is cancelled. If the DSI timer expires, the trunk is locked out until an on-hook is received from the far-end, at which time the SL-1 idles the trunk.
	JNT	Joint control JNT disallows trunk to trunk connections.
FORM	M1A M2B M3C	Format 1 for CAMA trunk signaling Format 2 for CAMA trunk signaling Format 3 for CAMA trunk signaling
FRL	0-7 0-254	Facility Restriction Level (FRL) and New Flexible Code Restriction (NFCR) tree number for this route
HDLC	(NO) YES	High level Data Link Control Prompted if TKTP = MCU and V25 = YES.
HLCL	0-9999	Home Location Number This number is similar to PFX2 number prompted in LD 15. It is added to this overlay so that this prefix can be configured on a route basis as required in some countries (e.g., Italy). As is the case with PFX2, the HLCL prefix can be from one-to-four digits long. This prompt is displayed only if CPFXS = NO. If only a <CR> is entered, this prompt keeps its previous configuration. If no value was configured previously, no value will be configured. Enter X to delete the digits.

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Prompt	Response	Comment
HNTN	0-9999	Home National Number This number is similar to the PFX1 number prompted in LD 15. It is added to this overlay so that this prefix can be configured on a route basis as required in some countries (e.g., Italy). As is the case with PFX1, the HNTN prefix can be from one-to-four digits long. This prompt is displayed only if CPFXS = NO. If only a <CR> is entered, this prompt keeps its previous configuration. If no value was configured previously, no value will be configured. Enter X to delete the digits.
HOLD	ic dc ht	Hold failure threshold. Where: • ic = increment counter = 1-(2)-31 • dc = decrement count = 1-(2)-31 • ht = minimum hold time = 1-(40)-127 seconds The failure to hold applies to trunks which are not properly seized but disconnected sooner than the minimum hold or ht. See prompt ILLR for a description of increment count (ic) and decrement count (dc) values. The default for AID trunks is 2 1 40.
HOURL	0-23	Hour to start Automatic Trunk Maintenance test The system outputs xx:15 indicating the test start times are performed 15 minutes after the hour to avoid interactions with traffic reports.
IABS	(0)-3	Number of Incoming digits to be Absorbed For CCSA trunks only.
IANI	(NO) YES	In-band Automatic Number Identification route ISDN must be (NO) for this feature to be enabled. Prompted if AUTO = YES.
ICDN	xxxx xxx xxxx (NO)	CLID DN for incoming route (1-7 digits) and CLID entry (0-125) for trunk DN CLID DN for incoming route (1-7 digits) and CLID is not generated for trunk DN ICDN is prompted if ICIS = NO or if the trunk route is not ISDN.
ICIS	(YES)	Incoming Identifier Send Use CLID/CNI from incoming ISDN/R2MFC trunk

Prompt	Response	Comment
	NO	Do not use CLID/CNI from incoming ISDN/R2MFC trunk ICIS is prompted for incoming routes when ISDN = YES or if the table type of MFCI = R2MF.
ICNP	(UKWN) PRV PUB	Incoming Numbering Plan Unknown Private Public ICNP is prompted if table type of MFCI = R2MF and ICIS = YES. ICNP is prompted only if the CLID entry for ICDN = 0-125.
ICNT	(UKWN) INTL NTN LCL LOC CDP SPN	Incoming Numbering Type Unknown International National Local Location Coordinated Dialing Plan Special number ICNT is prompted if table type of MFCI = R2MF and ICIS = YES. ICNT is prompted if CLID entry for ICDN = 0-125.
ICOG	IAO ICT OGT	Incoming and/or Outgoing trunk Incoming and Outgoing Incoming only Trunk Outgoing only Trunk
ICPS	(YES) NO	Incoming Presentation Status Provide Trunk DN Do not provide Trunk DN ICPS is prompted if table type of MFCI = R2MF and ICIS = YES. ICPS is prompted if the CLID entry for ICDN = 0-125.
ID	(0)-9	Identification digit for CAMA trunk routes
IDC	(NO) YES	Incoming DID Digit Conversion on this route
IDEF	(NET) LOC	Internal/external definition Use network information to define a call as internal or external. Calls over the selected route will receive a network treatment as defined by available network information. Use local data to define a call as internal or external. Internal calls will receive an internal treatment if RCLS = INT. External calls will receive an external treatment if RCLS = EXT. IDEF is prompted in LD 16 if IDEF = YES in LD 15.

LD 16

Prompt	Response	Comment
IDTB	0-7	ID table index to be used by this Meridian 911 route
IEC	001-999	Inter-Exchange Carrier ID Precede with X to remove entry. If no value is entered "???" is printed in the route data block. Prompted when TKTP = COT, FEX or WAT.
	(0) - xxx (0) - xxxxx	Inter-Exchange carrier providing the service. Prompted if IFC = NI2 and SRVC is 0 - 16, 18, 21 - 31.
IFC		Interface type for this PRI route. The IFC of an ISA route and its service route must match.
	(SL1) D100 D250	Meridian SL-1 Meridian DMS-100 Interface to Meridian DMS-250
	ESS4 ESS5	Interface to AT&T ESS#4 Interface to AT&T ESS#5
	ISIG NI2 S100	ISO Q reference signalling point (QSIG) Interface ID NI-2 TR-1268 interface type Meridian SL-100
ILLR	ic dc	Illegal Ring threshold. Where: - ic = increment count = 0-(2)-15 - dc = decrement count = 0-(2)-15 ILLR specifies illegal ringing on a seized trunk. ILLR is only prompted for COT, FEX and WAT trunks. The increment count (ic) and decrement count (dc) control the rate at which detected failures exceed the trunk error threshold. A counter (initially set to zero) records trunk successes and failures. The counter is incremented by the IC value each time a failure is detected, and by the DC value when a valid trunk condition is detected.

Prompt	Response	Comment
		When the counter value exceeds the trunk threshold value (30), the overflow indicator is set, and a TRKxxx message displays. A high IC value increases the counter more rapidly than a low IC value, thus causing the counter to exceed the threshold with fewer detected failures. The threshold counter only preserves positive values. If the counter contains a negative value, it automatically resets to zero. The next detected failure immediately increases the counter toward the threshold value, enabling quicker trunk failure detection. ic dc = threshold percentage • 41 = 20% • 21 = 33% • 32 = 40% • 22 = 50% • 24 = 67% • 13 = 75% • 14 = 80% • 17 = 88% The RSET command in LD 36 and LD 41 resets the threshold counters to zero.
INAC	(NO) YES	Insert ESN Access Code to incoming private network call INAC permits an ESN access code to be automatically added to an incoming ESN call from a private network. If INAC = YES, then digit insertion (INST) for NARS or BARS calls is bypassed and Access Code 1 (AC1) is used for all call types. However, calls may be specifically defined to use Access Code 2 (AC2) in LD 15 at the AC2 prompt. INAC is prompted when the route type is either a TIE trunk or an IDA trunk with DPNSS1 signaling.
INC	(NO) YES	CDR records generated on incoming calls
INST	0-99999999 <cr> X	Insert. Not prompted when DNIS = YES. Digits to be inserted before leading digit No digits are entered To remove entry
INT	(OFF)	Interworking Far end data unit is not a DMS-100 or SL-100 Data Unit

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Prompt	Response	Comment
	ON	Far end data unit is a DMS-100 or SL-100 Data Unit Prompted if TKTP = MCU.
INTC	(NO) YES	Do not intercept voice calls which call data sets to an attendant Intercept voice calls which call data sets to an attendant
ISAR	(NO) YES	Integrated Service Access Route denied Integrated Service Access Route allowed This prompt indicates whether this route is to be used as a service or reference route for the Integrated Service Access or ISA feature. ISAR can only be YES when there are no trunk assignments in LD 14.
ISDN	(NO) YES	Integrated Services Digital Network Defaults to YES when DGTP = PRI or PRI2 and REQ = NEW. Prompted for BRI routes when REQ = CHG. Prompted when ISDN = YES in LD 15 and with ISDN package 145.
ITOL	(DENY) ALLOW	Deny International toll calls (i.e., 011+calls) Allow International toll calls
JDGT	1-(4)	Japan central office Digits This indicates the number of address digits sent from the CO to the Meridian 1. If the number of digits is not known, set the parameter to (4).
LAST	(NO) YES	CDR record printing content option for redirected calls. The Terminating ID field in the CDR record will contain the one before the last party. The Terminating ID field in the CDR record will contain the last party.
LMNL	0-15	Loss deviation Maintenance Limit (in dB)
LOUT	0-15	Loss Out-of-Service deviation limit (in dB)
MANO	(NO) YES	Manual Outgoing trunk route Define the manual DN in LD 14 at prompt MNDN.

Prompt	Response	Comment
MAX	1-254	Maximum number of channels allowed on the ISA route, service dependent. For example, if MAX = 8 for Tie routes, no more than 8 channels can used simultaneously for Tie calls. Prompted when: 1. ISAR = YES and IFC = ESS4, or 2. NSF = YES and IFC = SL-1 or D100 for the selected ISA route defined by response to RTN prompt.
MCCD	0- 8	The call trace request string can be 0-8 digits in length. Valid digits are 0-9, *, #.
MCDT	(0)-4	Digit string delay time is in seconds. Granularity is 1 second.
MCTS	(NO) YES	Malicious Call Trace Signal
MIN	0-254	Minimum number of channels allowed on the ISA route, service dependent For example, if MIN = 2 for Tie routes, at least two channels will be available for Tie calls. Prompted when: • ISAR = YES and IFC = ESS4 • NSF = YES and IFC = SL1 or D100 for the selected ISA route defined by response to RTN prompt.
MOD	(NO) YES	Network Mode for synchronous operation Modem Mode for synchronous operation Prompted if TKTP = MCU and TRAN = SYN.
MODE		Mode of operation
	PRA	ISDN/PRA route, DTRK must be YES PRA allowed only if ISDN = YES.
	<cr>	Default is NULL for service/reference routes If you enter YES to prompt ISAR, then use the default <cr> for this prompt. If ISAR is YES, then MODE prints NULL and does not allow a response.

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Prompt	Response	Comment
MR		Message Registration If a 1TR6 trunk route is created where TKTP = COT or DID, MR is automatic and is not prompted. However, if TKTP = TIE, then MR is not applicable to the route and is not prompted.
	(NO)	The route is not metered. If MR is set to NO, the trunk should have a Polarity Insensitive Class of Service in LD 14. (CLS = PIP)
	DURC	The AOC information is decoded during and at the end of the call. IFC must be set to NUME or SWIS.
	ENDC PPM RVB	The AOC information is decoded at the end of the call Buffered PPM signals to be counted on this route Reverse Battery signal from PSTN for CO interrupted as supervisory signal and used as MR on this route.
	STAC XLD	Activation of the AOC-S sub-service M & MM Lead non-buffered is used. This is the only metering type allowed for TKTP = IDA and SIGL = DAS. MR is not prompted for Danish and Swedish EuroISDN interfaces as AOC is not supported for those countries.
MRAT	5-30	Modem Ring Again Timer, in minutes
MRT	0-127	Music Route number
MTND	(NO) YES	Malicious Call Trace Tandem Disconnect delay for AXE10 interface If set to YES the disconnect operation is delayed at the node closest to the CO for up to MCTM time when the call is a tandem call.
MULT	(NO) YES	Multiplier for Charge Information Do not change calculation of charge information. Provide the exact cost of charge information if the RURC exponent is configured to the value of the multiplier. Your response to MULT should be YES when the Central Office sends charge information in one hundredth of currency and the currency multiplier is less than 1. The multiplier exponent should be equal to the RURC exponent. This is only used with functional protocol.
MUS	(NO) YES	Music on Hold

Prompt	Response	Comment
MXTI	0-(5)-15	Maximum Time to wait for the far end to connect to test line (in seconds)
NATL	(YES) NO	North American Toll scheme; a toll call has 0 or 1 as first or second digit. If NXX second digit is "1" set NATL to "NO" and answer "0" "1" to TDG. All toll digits for TDG prompt can be removed by a YES response if REQ = CHG. Repeat LD 16 with a NO response to add toll digits.
NCNA	(YES) NO	Network Calling Name Allowed Prompted if ISDN = Yes.
NCOS	(0)-99	Network Class of Service group number. Prompted if TKTP = TIE.
NCRD	(NO)YES	Network Call Redirection allowed YES allows Network Call Redirection messages to be sent or blocked if NCRD = (NO). Network Call Redirection can occur without having NCRD = YES. This prompt only controls the sending of Network Call Redirection messages, not the actual redirection of the call. When NCRD = YES, the message supplied provides information for the CLID display. When NCRD = (NO), the call is redirected without the CLID redirection information if CLID is enabled. It is appropriate to set NCRD = (NO) when your network interfaces with a network that is equipped with an ISDN version earlier than Release 14.
NDGT	1-(4)-7	Number of DNIS Digits expected
NDIG	(2)-10	Number of Digits in numbering plan at conventional main switch Prompted if SIGO = STD and CBQ = YES.
NDNO	0-254	Night IDC tree number When REQ = NEW default is the DCNO tree defined. Otherwise, there is no default value.

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Prompt	Response	Comment
NEDC		Near End Disconnect Control This entry determines the type of control exercised by the Meridian SL - 1 on trunk disconnections.
	(ORG)	Originating end control The far-end on-hook condition is recognized only for incoming calls. Far end conditions are ignored for outgoing calls. ORG is default for TIE, DID and CCSA trunks.
	ETH	Either end control If the far end goes on-hook for either incoming or outgoing calls, the on-hook condition is recognized and the call is disconnected. ETH is the default for all trunks except TIE, DID and CCSA trunks.
NMNL	27-90	Noise Maintenance Limit (in dBrn)
NOUT	27-90	Noise Out-of-Service limit (in dBrn)
NPA	nnn	Numbering Plan Area
NPID	0-9	Numbering Plan Digit or Information Digit If <CR> is entered, the NPID table is created.
NSF	(NO) YES	Network Service Facility Prompted when TKTP = ISA and IFC = D100 or SL1. When NSF = YES, the ATB traffic counter is incremented when the MAX value is reached in the service route.
NTOF	(YES) NO	Near To Far measurement See prompts REF, TST and PADL.
NTOL	(DENY) ALOW	Deny North American Toll calls (i.e., 1+ calls) Allow North American Toll calls
OABS	0-9	Actual outgoing toll digits to be ignored for Code Restriction OABS is frequently used with 1+calls. Precede with X to remove.
OAL	(NO) YES	CDR on outgoing calls If answer supervision is defined for the trunk, CDR records will only be generated on call completion.

Prompt	Response	Comment
OAN	(YES) NO	CDR timing starts On Answer supervision of outgoing calls Prompted if OAL or OTL = YES. This prompt only applies to trunks with answer supervision CLS = PSP, or SUPN = YES. With International Supplementary Features (SUPP) package 131, the default is NO. Without SUPP package 131, the default is YES.
OGDN	xxxx xxx xxxx (NO)	CLID DN for outgoing route (1-7 digits) and CLID entry (0-125) for trunk DN CLID DN for outgoing route (1-7 digits) and CLID is not generated for trunk DN OGDN is prompted if ICIS = NO or if the trunk route is not ISDN.
OGIS	(YES) NO	Outgoing Identifier Send Use CLID/CNI from incoming ISDN/R2MFC trunk or from the the calling set. If OGIS = YES and the incoming trunk is R2MFC, the CNI from the incoming trunk CLID/CNI will be used in the CLID. Do not use CLID/CNI from incoming ISDN/R2MFC trunk or from the the calling set. OGIS is prompted for outgoing routes when ISDN = YES or if table of MFCI = R2MF.
OGNP	(UKWN) PRV PUB	Outgoing Numbering Plan Unknown numbering plan Private Public OGNP is prompted only if the CLID entry for OGDN = 0-125.
OGNT	(UKWN) CDP INTL LCL LOC NTN SPN	Outgoing Numbering Type Unknown numbering type Coordinated dialing plan International number Local number Location number National number Special Number OGNT is prompted if CLID entry for OGDN = 0-125.
OGPS	(YES) NO	Outgoing Presentation Status Provide Trunk DN Do not provide Trunk DN OGPS is prompted if the CLID entry for OGDN = 0-125.
OHQ	(NO) YES	Off-Hook Queuing Used in NARS for incoming TIE callers.

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Prompt	Response	Comment
OHQT	(0)-63	Off-Hook Queue Threshold BARS/NARS availability test. Compare with current P3 calls.
OHTD	(NO) YES	Off-Hook Timer Delay Masks the far end Off-Hook for up to 384 ms measured from the end of the interdigit pause of the digit send out. Masks the far end Off-Hook for up to 2 seconds.
OPD	(YES) NO	Outpulsed Digits in CDR Dialed digits in CDR System must be initialized for changes to the OPD settings to take effect. Prompted when OTL = YES, OAL = YES or OAN = YES.
OPE	(NO) YES	Change data port or operating parameters Prompted only if TKTP = R232, R422 or MCU.
OTL	(NO) YES	CDR on Outgoing Toll calls If answer supervision is defined for the trunk, CDR records will only be generated on call completion. Prompted when OAL = NO and Route = CAMA, CO, DID, FX, or WATS.
PADL	0-63	Pad factor for loop around (in dB) This is the far end tone level, plus the total pad loss at both ends on two trunks.
PADT	0-63	Pad factor for T100 test line (in dB) This is the near end tone level, plus the total pad loss at both ends.
PAR	(SPAC) EVEN MARK ODD	Data port Parity Space Even Mark Odd Prompted if TKTP = R232, R422 or MCU.
PBDO	(OFF) ON	Port Busy upon DTR Off Prompted if TKTP = R232, DEM = DCE and DTR = OFF.
PLEV	0-(2)-7	Priority Level Priority Level 2 sets can override sets of Level 1 and 2, and can be overridden by sets of Level 2-7. Prompted with Priority Override/Forced Camp-On (POVR) package 186.

Prompt	Response	Comment
PNI	(0)-32700	Private Network Identifier Each customer data block must have a unique PNI when equipped with the multi-customer option. PNI = 1 is typical for customer 0. It must match the PNI in the far end CDB in order to support such features as NRAG, NACD and NMS. The PNI in the RDB functions as a logical customer number for routing outgoing non-call-associated Transaction Capability Application Part or TCAP facility messages to the appropriate ESN translations within the far end PBX. Using the default value of PNI = 0 prevents operation of features such as NRAG, NACD and NMS.
POST	DIS ATT	RAN Post announcement treatment Disconnect after maximum repetitions Route to attendant after maximum repetitions
PRIV	(NO) YES	Route is not a Private line route Route is a Private line route Any COT route can be a private route. Prompted if TKTP = COT and REQ = NEW.
PROG		Progress
	NCHG	Send a PROGRESS signal when a CALL PROCEEDING message which contains a progress Indicator Information Element is received at the Meridian 1 EuroISDN gateway. NCHG is the default for all interfaces but the Austrian interface.
	MALE	Send an ALERT signal when a CALL PROCEEDING message which contains a progress Indicator Information Element is received at the Meridian 1 EuroISDN gateway.
	MCON	Send a CONNECT signal when a CALL PROCEEDING message which contains a progress Indicator Information Element is received at the Meridian 1 EuroISDN gateway. MCON the default for the Austrian interface.
PSDS	(NO) YES	Public Switched Data Service Prompted if TKTP = MCU.
PSEL	(DMDM)	DM-DM Protocol Selection

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Prompt	Response	Comment
	TLNK	T-link Protocol Selection TLNK protocol is used by SL-100 and DMS data devices, DM-DM is used by Meridian 1 data devices such as ASIM, AIM, ADM, SADM, Asynch Data Option or ADO, and MPDA. MCA uses both protocols. PSEL is prompted if TKTP = R232, R422, or MCU.
PTYP		Port Type at far end The response to this prompt is used in determining the required transmission level. Refer to the <i>International Loss and Level Plan</i> NTP for more information.

Analog TIE trunk routes:

(ATT)	Analog TIE trunks
AOT	Analog TIE trunk, used instead of ATT whenever the PBX has one or more digital satellite trunk routes or DST to any digital satellite PBX which includes OPX telephones.
AST	Satellite PBX TIE or ESN trunks if SAT = YES

Digital TIE trunk routes:

(DTT)	Digital or combination TIE trunk
DCT	Combination satellite PBX TIE trunk
DST	Digital satellite PBX TIE trunk (allowed if SAT = YES or NO)

Analog CO trunk routes:

(ACO)	Analog CO trunk
ATO	Analog toll office trunk

Digital CO, FEX, DID, and WAT trunk routes:

(DCO)	Digital or combination CO port
DTO	Digital or combination Toll Office trunk

1.5 Mb/s PRI TIE trunk routes:

(PRI)	B-Channel port classification
DTT	Digital or combination TIE trunk
DCT	Combination satellite PBX TIE trunk
DST	Digital Satellite PBX TIE trunk

1.5 Mb/s PRI CO, FEX, DID, and WAT trunk routes:

Prompt	Response	Comment
	(PRI) DCO DTO	B-Channel port classification Analog CO trunk Analog toll office trunk
QREC	(NO) YES	CDR ACD Q initial connection records to be generated
RACD	(NO) YES	Route traffic information in ACD Reports Enter YES only if the route is used as the Interflow DN of at least one ACD DN and the Interflow Trunk traffic is desired. Prompted for COT, TIE, DID, WAT, and FEX trunk types only. Allowed for RAN trunks . Actual ACD Report format output examples are included in the <i>ACD Management Reporting NTP</i> .
RANR	0-127	RAN Route number for the desired RAN route.
RANX	(NO) YES	RAN for calls diverted to external trunks RAN not requested when a call is forwarded to this route. RAN requested when a call is forwarded to this route. Prompted when: 1. TKTP = COT 2. RPA = NO 3. DSEL = VCE or VOD 4. ICOG = IAO or OGT
RCAP		Remote Capabilities. Precede with X to remove a configured capability. This prompt will be repeated until <cr> is entered.
	NAC	Network access data.NAC is allowed if IFC = SL1. Enter XNAC to remove NAC from Remote Capabilities.
	NCT	Network Call Trace
	ND1	Network Name Display 1
	ND2	Network Name Display 2
	ND3	Network Name Display 3. This ensures the same level of service between the MCDN and QSIG name display services.
	NDS	Name Display Services
	RVQ	Remote Virtual Queuing
RCLS	(EXT) INT	Route Class marked as external Route Class marked as internal Applies only to CAA, COT, CSA, DID, FEX, TIE, FGDT, or WATS trunks.

Prompt	Response	Comment
REF	n...n	Reference loop around DN, range is 2 to 10 digits
REP	1-15	Repetitions of recorded announcements
REQ		Request
	CHG	Change existing data block
	END	Exit overlay program
	OUT	Remove data block
	LCHG	Print date and time that a trunk data block was last changed. The change can be the result of a NEW, OUT, or CHG command.
	NEW	Add new data block to the system
RGFL	ic dc	Ring Failure threshold. Where: - ic = increment count = 1-(2)-31 - dc = decrement count = 1-(2)-31 RGFL specifies the percentage threshold for trunks which fail to produce the expected ringing and ground changes. See prompt ILLR for a description of ic and dc values. RGFL is not prompted for AID, CAM, CSA, RLM, RLR and TIE trunks. The default for RAN and MUS trunks is 12 6.
ROUT	0-127	Route number This range applies for all machines.
RTN	0-127	Route Number for any configured ISA route Prompted if TKTP = TIE.
RTYP		Recording device for RAN trunks
	AUD	Audichron or Cook 212, required for XUT trunks
	CAP	Code-a-Phone
	CK2	Cook 201 or QAY1
	CKM	Cook 201 Multichannel
	CON	NT7M Digital Recorders
	DGT	213300 and 213400 Digital Recorders
	LVL	Level start/stop (Enhanced Universal Trunk cards)
	MPUL	Pulse start/stop, multichannel. These modes supports independent RAN trunks. Request the RAN broadcast package.

Prompt	Response	Comment
	PUL	Pulse start/stop (Enhanced Universal Trunk cards) The Enhanced Universal Trunk cards work with CAP, CK2, or AUD RAN interfaces. The Pulse and Level start/stop options are used in conjunction with the RAN interface selected. The maximum length of the message allowed by software depends on the X11 Release as follows: • AUD = 64 seconds in all Releases •
RUCF	x y	Route Unit Conversion Factor Formula for Route Unit Conversion Factor is: $X \cdot 10^{(-Y)}$ Where: • $x = 0-(1)-9999$ • $y = (0)-3$ This results in a range of .001 to 9999. If the Central Office sends the call charge in AOC units (instead of AOC currency), RUCF is used to convert this charge into PPM format. Call Charge scenarios: 1. When call charge in sent in currency: Displayed charge = (Received charge/RURC) * RUCS 2. When call charge in sent in AOC units: Displayed charge = (Received charge * RUCF) * RUCS units RUCF is not prompted for Danish and Swedish EuroISDN.
RUCS	0-9999	Route Unit Cost RUCS may be used in Motel/Hotel type environments to calculate the margin the Meridian 1 administrator wants to make per unit. Call Charge scenarios: 1. When call charge in sent in currency: Displayed charge = (Received charge/RURC) * RUCS 2. When call charge in sent in AOC units: Displayed charge = (Received charge * RUCF) * RUCS units When REQ = NEW, RUCS defaults to the UCST value in CDB. RUCS is prompted when MR = PPM or XLD.

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Prompt	Response	Comment
RURC	x y	Route Unit Reference Cost Formula for Route Unit reference Cost is: $X * 10^{(-Y)}$ Where: • x = 0 - 9999 • y = (0) - 3 This gives a range from .001 to 9999. Call Charge scenarios: 1. When call charge is sent in currency: Displayed charge = (Received charge/RURC) * RUCS 2. When call charge is sent in AOC units: Displayed charge = (Received charge * RUCF) * RUCS units The default value for x is identical to the previously entered RUCS value.
RVSD	ic dc	Reversed wired CO trunk threshold. Where: • ic = increment count = 1-(8)-31 • dc = decrement count = 1-(31) RVSD specifies the percentage threshold for CO trunks which have tip and ring or other trunk wiring problems. See prompt ILLR for a description of ic and dc values. Prompted for COT, FEX and WATS trunks.
SAT	(NO) YES	Satellite used for trunk route via earth orbiting satellite This prompt has no relation to the trunk route function connecting a main PBX to a satellite PBX.
SBN	(NO) YES	Do not send Billing Number on this route Send Billing Number on this route

Prompt	Response	Comment
SEIZ	ic dc	Seize failure threshold. Where: - ic = increment count = 1-(2)-31 - dc = decrement count = 1-(2)-31 SEIZ specifies the percentage threshold of trunks which request seizure but are not seized (either no response from the far end or response is too late). See prompt ILLR for a description of ic and dc values. The default for AID trunks is 2 1. The default for RAN and MUS trunks is 12 6.
SGRP	(0)-999	Scheduled access restriction group Prompted with Scheduled Access Restrictions (SAR) package 162. Must have group defined in LD 88.
SID	0-127	Service Identification for the route Used to poll switches for traffic, ACD or CDR reports. Allows NSF to be turned on or off. The service route ID must match the far end. Prompted if NSF = YES and TKTP = TIE/WAT/FX/COT.
SIDE	(NET) USR	Meridian SL-1 Node Type Network User SIDE defaults to NET if IFC = SL1. SIDE defaults to USR if IFC = 1TR6, NUME or D70. Prompted if IFC = SL-1.
SIGL	BEL NT4 NT5	Signaling interface for CAMA trunks Bell method NT400 method NT500 method
SIGO	(STD) ESN2 ESN3 ESN5 ETN EN19	Signaling arrangement Standard signaling arrangement Supports NCOS, TCOS and CCBQ call types Supports network call transfer, Satellite Link Control and all ESN2 call types. It does not support DTI calls. Either ESN2 or ESN3 is recommended for ISA. Supports DTI data calls plus all other types. Electronic TIE Network signaling arrangement ESN Transparent Data Networking data call. Allowed when TKTP = TIE for PRI and DTI trunks.

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Prompt	Response	Comment
SPCT	(IMM) DLY	Speech Path Cut-Through Immediate cut-through Delayed cut-through
SPTO	(NO) YES	Super Trunk Option 7-10 digit outpulsing on ANI calls 3 digit outpulsing on ANI calls Response must be YES for outpulsing to begin after three digits.
SRCH	(LIN) RRB	Linear Hunting Search method for outgoing trunk member. Start with the highest trunk number, used for 2-way trunks. Round Robin Hunting Search for outgoing trunk member. Start with next lower trunk than the one seized, used for outgoing trunks.
SRPM	0-(15)-255	Service Parameter. Prompted if SRVC = WATB.
SRVC	 (NNSF) ACC I800 IWAT LDS M800 MEG Q900 SDN WATB WATM	Service type provisioned for AT&T ESS connections (where IFC = ESS#4 or ESS#5) Prompted if ISDN = YES and IFC = ESS4 or ESS 5. Prompted with Inter Exchange Carrier (IEC) package 149. No Network Specific Facility or NSF IE sent. NSF refers to the services provided on a Call-by-Call basis. Accunet Data service International 800 service In-WATs service for AT&T interface Long Distance Service MEGACOM 800 service MEGACOM service ATT&T Multiquest 900 service Software Defined Network service Wide Area Telephone Service Parameter Band for AT&T ESS#5 Wide Area Telephone Maximal service for AT&T ESS#5

Prompt	Response	Comment
SST	xx y	Seizure Supervision Timer Timer for trunks with delay dial or DDL, wink or WNK and ground or GRD start arrangements. Where: xx = minimum value. Therefore: • xx = 1-(3)-15 seconds for GRD start • xx = 5 seconds for DDL and WNK y = increment value of 0-7 seconds
STEP	0-511	Alternate trunk route for outgoing trunks STEP cannot be defined for an ISA route. Route 31 is no longer an exclusively private route, unless configured as one in LD 16. Precede with X to delete. For dataport, it is only possible to step to a similar ADM data route.
STND	(YES) NO	Standard T100 test line (STND is 5.5 seconds and is followed by silent termination at the far end)
STRK	(NO) YES	Super Trunk group feature
STRT	IMM DDL	Start arrangement Immediately connect call to recording Delay call connection until start of recording
STYP	(SDAT) STDN	Standard Signaling Type Standard Data signaling for voice and data (DM-DM, non-tandem PSDS). Standard Transparent Data Networking for voice and data and TDN calls. STDN is applicable to calls on DTI trunks only. This prompt appears when SIGO = STD.
SVFL	ic dc	Supervision Failure. Where: • ic = increment count = 1-(2)-31 • dc = decrement count = 1-(2)-31 SVFL specifies the percentage threshold for trunks which fail to obtain supervision. See prompt ILLR for a description of ic and dc values. Prompted for only AID, CAM, CSA, RLM, RLR and TIE trunks. The default for AID trunks is 2 1.

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Prompt	Response	Comment
T100	n...n	T100 test line Directory Number, 2 to 10 digits
TARG	0-(1)-31	Trunk Access Restriction Group range Enter the list of all TGAR in LD 10, LD 11 and LD 14 which have restricted access to this route. Multiple groups may be defined or deleted. To delete entries, enter Xnn. List all entries to be deleted (Xnn, Xnn, ...). Entries must be separated by a space.
TCPP	(NO) YES	CPP flag for an incoming non-ISDN trunk call tandemed to this trunk route. If TCPP = YES, then an incoming non-ISDN trunk call tandemed to this outgoing trunk route will carry the Privacy Indicator. TCPP is prompted only if CPP = YES or if CPP package 301 is equipped and the trunk route has the ISDN option.
TDG	x... x	Toll Digits. Where: x = 0-9 Actual digits after the trunk access code which indicate toll calls. Precede with X to remove. If all digits are removed, the digits revert to the North American toll scheme. Prompted when NATL = NO.
TFD	(0) - 3600	Timed forced disconnect for paging trunks (30 second increments). TFD must be defined individually for each route.
TGAR	0-(1)-31	Trunk Group Access Restrictions: Prompted if TKTP = TIE, ISAR = YES, and ISDN = YES.
TIER	0-511	Tie Reference route number Determines how incoming TIE or private call types are handled for the associated Integrated Service Access route or ISA. Precede with X to delete. Prompted when TKTP = ISA, IFC = D100 or SL-1 and NSF = YES.
TIMR	aaa xxx	Trunk Timers. Where: • aaa = timer mnemonic • xxx = timer value in milliseconds unless stated otherwise

AAD (384)-2048

Prompt	Response	Comment
		Address Acknowledge Delay timer
		AAD is the minimum time for the system to delay before sending the address acknowledge signal to the central office. Inputs are in increments of 128 ms. Allowed only if Japan trunks and Meridian 1 packages are equipped.
ATO 128-(4992)-6528		ANI Timeout timer in milliseconds.
CRD 0-(512)-639		CO Release Delay timer.
DDL 0-(70)-511		Dial Delay timer
DSI 128-(34944)-499200		Disconnect Supervision timer
EESD 0-(1024)-4992		End to End Signalling Delay timer.
		The outputting DTMF tone using EES (or IEES) is delayed "EESD" ms after the sending of the first recall signal to the Norstar. If EESD = 0, the timer is not started and the buffered digits will not be outputted.
		The EESD timer is accepted if ACRL package 236 is equipped and if the route is analog TIE.
EOD 128-(13952)-32640		End-of-Dial timer, non-digitone trunks
		For DID incoming calls in the U.S., to comply with FCC regulations, the EOD timer expires at 19,968 ms, even if configured otherwise. All other call types utilize the configured timer parameters.
		Refer to X11 features and services for complete details concerning the FCC Compliance feature.

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Prompt	Response	Comment
FLH 0-(510)-32640	Hook Flash timer (in msec.) The range for Centrex Switchhook flash timer is 256-(512)-1536. For CAS, it is recommended that the timer be set at 768 or greater. This timer must be at least 256 ms shorter than the remote OGF timer and 256 ms shorter than the ICF timer. • 60-89 ms = Digit 1 is sent • 90 ms = Hard coded for XFCOT hook flash • 91-255 ms = Digit 1 is sent • 256-1536 ms = Existing software controlled hook switch flash Range for Centrex Switchhook flash timer is 60-(510)-1536 msec (the value is rounded to the nearest 10 msec). Software controlled Centrex/Trunk Switch Flash timer range of 60-127 msec is done by sending digit 1. The range of 128-1536 msec is already controlled by Centrex Switchhook Flash feature. Firmware flash user can enter any value from 60 to 1536. FWTM must be YES in LD 14 for the trunk associated with this route, if firmware timing is to be used.	
GRD 0-(896)-32640	Guard timer (response disallowed)	
ICF 0-(512)-32640	Incoming Flash timer	
LEXT 50-(100)-350	Loop Extender timer The minimum amount of time the Meridian 1 waits to determine whether the tip is ground. When the time is expired, the loop is closed to outputting. The time is in milliseconds.	
MAD 0-(500)-1000	Minimum Answer Delay timer The minimum amount of time the Meridian 1 remains On-Hook after the called party is first alerted. Inputs are in steps of 100 ms, numbers are rounded up to next valid entry. Allowed only if Japan trunks and Meridian 1 packages are equipped.	

Prompt	Response	Comment
NBL 128-(4096)-32640	Enblock Long dialing timer	Long timeout period set to check if all digits have been entered.
NBS 128-(2048)-32640	Enblock Short dialing timer	Short timeout period set to check if all digits have been entered.
NRAG (30)-240	Network Ring Again timer or DPNSS duration for T6 and T7 timers,	in minutes. Currently, only 30 minutes is supported.
NRD 128-(10112)-32640	No Ringing Detector change	
ODT 256-(4096)-16128	End-of-dial timer for DIGITONE trunks	
OGF 0-(512)-32640	Outgoing Flash timer	
RGV 128-(640)-1920	Ring Validation timer	
RTD 0-(12)-60	Tone Detector Response Timer in seconds. An odd numbered entry	is rounded up to the next even number.
SFB 3-(3)-255	Seize Fail Busy timer	This timer controls the time that a trunk is held busy following a seizure acknowledge failure or call collision. The recommended value for trunks with seizure supervision is 25 seconds. The recommended value for trunks with no seizure supervision is 3 seconds. This value applies to all analog trunks except those which use the ARP timer.
TFD (0)-3600	Timed Forced Disconnect, in 30 second increments.	TFD applies to CO, DIC, FEX, PAG, TIE and WATS routes.

Prompt	Response	Comment
	VGD 0-(6)-31	VNS Guard timer The time allowed for the trunk call to disconnect in seconds. This is the guard timer on the associated VNS DN.
	VSS (0)-1-2-1023	VNS Set Speechpath Timer. Where: • 0 = Do not answer the bearer channel until the terminating party answers • 1 = Answer the bearer channel immediately on arrival • 2-1023 = Answer the bearer channel after the specified seconds (rounded down to 2-second multiple) if the terminating party has not already answered.
TKTP		Trunk Type You must respond to this prompt when REQ = NEW.
ADM		Add-on Data Module associated with a Data Interface Card i.e., DLC, 4PDLC, AILC
AID		Automatic Incoming Outgoing Dial trunk.
CAA		Common Control Switching Arrangement Automatic Number Identification data block Requires Automatic Number Identification (ANI) package 12.
CAM		Central Automatic Message Accounting trunk data block
COT		Central Office Trunk data block Supported for ISDN BRI Trunk Access feature.
CSA		Common Control Switching Arrangement access line data block
DIC		Dictation trunk data block
DID		Direct Inward Dialing trunk data block Supported for ISDN BRI Trunk Access feature.
FEX		Foreign Exchange trunk data block

Prompt	Response	Comment
	ISA	Integrated Service Access route or Call-by-Call route type For ISDN applications, only TIE or ISA Trunks can connect a SL-1 directly to another SL-1. Requires Call-by-Call service (CBC) package 117. Must have ISDN configured in LD 15 and LD 17.
	MCU	Meridian Communications Unit port
	MUS	Music trunk data block Requires Music (MUS) package 44.
	PAG	Paging trunk data block
	RAN	Recorded Announcement trunk data block Requires Recorded Announcement (RAN) package 7.
	RCD	Emergency Recorder trunk data block Requires Basic Automatic Call Distribution (BACD) package 40.
	TIE	TIE trunk data block
	WAT	Wide Area Telephone Service trunk data block
TOV		Data Timeout Value
	(0)	No timeout
	1	15 minutes
	2	30 minutes
	3	60 minutes
		Prompted if TKTP = R232, R422 or MCU.
TRAN	(ASYN) SYN	Asynchronous Transmission mode Synchronous Transmission mode If PSDS = YES, then TRAN must be SYN. Prompted if TKTP = MCU.
TRMB	(YES)	Tromboning allowed. Incoming call on route may be routed directly back out on the same route.
	NO	Tromboning denied. Incoming trunk call on route may not be routed directly back out on the same route. Only applies to calls routed using NARS/BARS or CDP. Does not apply to calls redirected by HUNT, Forward All Calls, or Forward No Answer.

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Prompt	Response	Comment
TRMT	(NONE), FAIL, TEST, NPA	Numbering Plan Digit or Information Digit treatment FAIL = Interrupts the NPD/ID as an ANI failure TEST = Interrupts the call as a 911 test call (for 922T calls only) This prompt appears when the Meridian 911 (M911) package 224 is equipped.
TRO	(NO) YES	Trunk Route Optimization Prompted if NCRD = YES and IFC = SL-1.
TST	n...n	Test loop around DN, range is 2 to 10 digits
TTA	(NO) YES	Time To Answer output in CDR
TTBL	(0)-31	Tone Table number Table (0), North American default values, is created when the first customer is created. Refer to LD 56 for other tables.
TYPE	RDB	Route type Route Data Block.
V25	(NO) YES	V.25 bis option for synchronous operation Prompted if TKTP = MCU and TRAN = SYN.
VRAT	(NO) YES	Answer an attendant extended call over VNS immediately on the incoming bearer trunk
WATR	0-511	Wide Area Telephone Service or WATS Reference route number Determines how incoming WATS call types are handled for the associated Integrated Service Access route or ISA. Precede with X to delete. Prompted when TKTP = ISA, IFC = D250 or SL-1 and NSF = YES.
WDGT	(L) F	First or last 4 DNIS digits to be sent on APL and HSL link. WDGT has no effect on AML links. All DNIS digits will be sent for AML. Prompted if NDGT is greater than 4. Also used for CDR when the New Format CDR (FCDR) package 234 is disabled.

LD 17—Configuration Record 1

System configuration defines system hardware and software parameters. Overlay program 17 is used to modify the following parameters:

- passwords
- buffer sizes*
- number of CPU*
- voice or data loops*
- tone and digit loops*
- conference loops*
- memories*
- automatic maintenance routines
- teletypewriters and modem
- server configurations

* When modifying these parameters, the system must be initialized to effect the change. After initialization, load Overlay 17 and check the amount of unprotected memory before the data dump. When adding memory a SYSLOAD is required. See the Conversion Procedures for parallel reload.

When the Overlay is loaded the available system memory and disk records are output in a header as follows:

```
CFN000
MEM AVAIL: (U/P): xxxxxx  USED: xxxxx  TOT: xxxxxxxx
DISK RECS AVAIL: xxx
DCH AVAIL: XX  USED: XX  TOT: 64
AML AVAIL: XX  USED: XX  TOT: 16
```

Notes on ISDN Configuration

ISDN configuration may be changed by adding the primary D-channel followed by the optional backup D-channel. Be sure to observe the following:

- Primary and back-up D-channels must be on the same card type (DCHI or MSDL)
- Primary D-channel parameters are automatically copied to the back-up D-channel.
- Disable both ends of a D-channel before making any changes to the D-channel.
- Changes to the D-channel pair should be made to the primary D-channel first (except for BCHL and RCVP).
- The backup D-channel must be removed prior to removing the primary D-channel.

- When a backup D-channel is configured for a primary D-channel, the USR of the primary can be changed from SHA to ISLD or PRI, but not from ISLD to PRI or SHA.
 - The ADAN DCH MOVE command allows the primary D-channels to move to a new logical number (NDCH), card type (CTYP), device number (DNUM), and port designation (PORT) when adding MSDL cards. You do not need to remove any D-channels or B-channels when using this command with MSDL cards.
-

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Prompts and responses

Configuration Record 1

Prompt	Response	Comment
REQ	CHG	Request
TYPE	CFN	Configuration Record
ADAN	aaa bbb x	Action Device And Number (aaa = NEW, CHG, MOV or OUT ; bbb = I/O device type ; x = port number) (page 274)
PWD	(NO) YES	Change Password options (page 277)
PARM	(NO) YES	Parameters for Interface and transmission mode (page 279)
CEQU	(NO) YES	Change to Common Equipment (page 281)
OVLY	(NO) YES	Overlay (page 281)
VAS	(NO) YES	Value added server configuration (page 282)
ATRN	(NO) YES	Change Transmission Parameters of MeridianModular / Aries Telephone (page 283)
ALARM	(NO) YES	Change Alarm Filter (page 284)

Note: This *Prompts and responses* table does not list prompts which appear under each gate opener. To find prompts which appear under a given gate opener, refer to the page listed in the *Comment* section of this table.

Gate Opener: ADAN (Action Device and Number)

Prompt	Response	Comment
REQ	CHG	Request
TYPE	ADAN	Action Device And Number
- ADAN	aaa bbb x	Action Device And Number (aaa = NEW, CHG, MOV or OUT; bbb = I/O device type; x = port number)
- SIZE	(0)-65534	Size of History File buffer in characters
- PDCH	0-15	Primary D-channel associated with a backup D-channel
-CARD	0-9	Card Slot for the I/O device
-PORT	0-2	Port number on the card
- CTYP	a...a	Card Type (CTYP responses can be found on page 295)
- DES	d...d	Designator
- BPS	xxxxx	Bits Per Second
- PARY	aaaa	Parity type (aaaa = (NONE) ODD, or EVEN)
-STOP	(1)-1x5-2	Number of Stop bits (To configure value of 1.5, enter 1x5)
- BITL	x	Data Bit Length (aaa = (5), 6, 7, or 8)
- FLOW	(NO) YES	Flow Control
- -BCST	(NO) YES	Broadcast ports affected by Flow Control
- PARM	aaaa bbb	Parameters for Interface and transmission mode (aaaa = R232 or R422 ; bbb = DCE or DTE)
- FUNC	aaa	MSDL card function (aaa = ABC, FCL, MOD, LME, or SCN)
- USER	a...a	Output message types (USER responses begin on page 320)
- XSM	(NO) YES	Extended System Monitor
- TTYLOG	0-65534	Log buffer size
BANR	(YES) NO	Optional Security Banner option
- CUST	xx	Customer number associated with this function
- SSUP	(NO) YES	Senior Supervisor
- - APRT	(NO) YES	ACD Printer
- STOP	(1)-1x5-2	Number of Stop bits (to configure value of 1.5, enter 1x5)
- USR	aaaa	User (aaaa = ISLD, PRI, SHA, SHAV, or VNS)
- IFC	a...a	Interface type for D-channel (IFC responses can be found on page 302)

-- PINX_CUST	0-99	This customer number will be used for the DN address translation associated with call independent connection messages received on this D-channel.
-- ISDN_MCNT	60-(300)-350	Layer 3 call control message count per 5 second time interval.
CLID	OPTx	Calling Line Identification (x= 0, 1, 2, 3, 4, or 5)
CO_TYPE	aaa	Central Office switch type (aaa = (STD) or ATT)
- RCVP	(NO) YES	Recovery to Primary
- DCHL	1-9	D-Channel PRI loop number
- BCHL	1-9	PRI loop number for Backup D-channel
- PRI	loop x	Primary Rate Interface
- OTBF	1-(32)-127	Output request Buffers
- DRAT	aaa	D-channel transmission Rate (aaa = (56K), 64KC, or 64KI)
- BPS	xxxxx	Bits Per Second
- PARM	aaaa bbb	Parameters for Interface and transmission mode (aaaa = R232 or R422 ; bbb = DCE or DTE)
- CLOK	aaa	Clock (aaa = EXT or INT)
- SIDE	aaa	Meridian 1 node type (aaa = (USR) or NET)
- CNEG	x	Channel Negotiation option (x = (1) or 2)
- RLS	xx	Release ID of the switch at the far end of the D-channel (set to Rls 22 for Option 11C Compact)
- RCAP	aaa	Remote Capabilities (RCAP options begin on page 313)
- NASA	(NO) YES	Network Attendant Service Allowed
- TIMR	(NO) YES	Change protocol timer value
-- T310	10-60	Timer used to determine how long SL-1 can wait for the response message when the QSIG outgoing call is in the U3 (outgoing call processing) state
-- INC_T306	0-(2)-T306	Variable timer for received disconnect message on incoming calls, allowing in-band tone to be heard when sent by the network
-- OUT_T306	0-(30)-T306	Variable timer for received disconnect message on outgoing calls, allowing in-band tone to be heard when sent by the network (entered in 2 second increments)
- LAPD	(NO) YES	Link Access Protocol for D-channel Change LAPD parameters
-- T23	1-(20)-31	Interface guard Timer or DCHI only
-- T200	2-(3)-40	Retransmission Timer
-- N200	1-(3)-8	Maximum Number of retransmissions

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-- N201	4-(260)	Maximum Number of octets in information element
-- T203	2-(10)-40	Maximum Time allowed without frames being exchanged
-- K	1-(7)-32	Maximum number of outstanding unacknowledged frames
- IADR	0-(3)-255	Individual Address for the data link level HDLC protocol
- RADR	0-(1)-255	Remote Address for the data link level HDLC protocol
- LCTL	(NO) YES	Change Link Control system parameters
-- T1	2-(4)-20	Retransmission Timer. Range in units of 0.5 seconds, (4) = two seconds
-- T2	0-(10)-255	Maximum Time allowed without a frame being exchanged
-- T3	2-(5)-255	Timer for initial link setup in units of 0.5 seconds for ESDI only
-- N1	xxx	Maximum Number of octets per HDLC information frame (xxx = 32, 64, 128, or (512))
-- N2	4-(8)-16	Maximum Number of retransmissions in steps of 1
-- K	1-(7)	Maximum number of outstanding frames
- LTHR	(NO) YES	Link Threshold. Change link performance thresholds for ESDI only
-- RXMT	1-(5)-20	Retransmission Threshold
-- CRC	1-(10)-20	CRC threshold
-- ORUR	1-(5)-255	Overflow/Underflows out-of-service threshold
-- ABOR	1-(5)-255	Number of Aborts before an out-of-service
- DCHI	0-15	D-channel Interface port number
- PORT	0-15	Port number (range varies according to system option and card/port type)

Gate Opener: PWD (Password)

The PWD2 prompt appears immediately following the TYPE = PWD entry, unless the LAPW password Multi User Login are enabled. To view LAPW prompts, LAPW package 149 must be equipped. LAPW users can change their passwords by entering the current password at prompt LPWD and entering the new password at the NLPW prompt.

Prompt	Response	Comment
REQ	CHG	Request
TYPE	PWD	Change Password options
- PWD2	x...x	Password 2
- LNAME_OPTION	(NO) YES	Require Log In Name for password access
- NPW1	x...x	New Password 1 (PWD1 Log In password)
-- LOGIN_NAME	aaa	Log In Name for password access
- NPW2	x...x	New Password 2 (PWD2)
-- LOGIN_NAME	aaa	Log In Name for password access
- LAPW	0-99	Limited Access to Overlays Password number
- PWTP	aaaa	Password Access Type (aaaa = (OVLY) or SBA)
-- PWnn	x...x	Password (you may enter new password for SBA)
- LOGIN_NAME	aaa	Log In Name for password access
- LEVL	aaaa	Access Level for Set Based Administration password (aaaa = (INST) or ADMN)
-- OVLA	xx xx ... xx	Overlays Allowed
-- CUST	aaa	Customer to be accessible by way of PWnn
-- TEN	aaa	Tenant to be accessible by way of PWnn
-- HOST	(NO) YES	Enable HOST mode Log In for password PWnn
-- MAT	(NO) YES	Enable MAT 5.0 Log In for password PWnn
--- MAT_READ_ONLY	(NO) YES	Restrict MAT 5.0 write access for password PWnn
-- OPT	a...a	Options for password PWnn (OPT responses can be found on page 308)
- LPWD	x...x	Limited Access to Overlays log on password to be changed
-- NLPW	x...x	New Limited Access to Overlay Log On Password for the user
- FLTH	0-(3)-7	Failed Log In Threshold

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- LOCK	0-(60)-270	Lockout time
- AUDT	(NO) YES	Audit Trail for password usage
- - SIZE	(50)-1500	Word Size of Audit Trail buffer
- INIT	(YES) NO	Initialize to reset locked-out ports

Gate Opener: PARM (System Parameters)

The following values should be set at the factory. However, it is recommended that these values be reviewed during initial system installation.

Prompt	Response	Comment
REQ	CHG	Request
TYPE	PARM	Change system parameters
- LPIB	96-5000	Low-Priority Input Buffers (range depends on system type)
- HPIB	16-5000	High-Priority Input Buffers (range depends on system type)
- 500B	16-5000	Output buffers for single line and digital telephones, and trunks (range depends on system type)
- NCR	x...x	Number of Call Registers, range depends on system type
- MGCR	0- <i>NCR</i>	Maximum number of Call Registers used by AUX messaging
- CSQI	(20)-255	Maximum number of Call Registers for CSL input queues
- CSQO	(20)-255	Maximum number of Call Registers for CSL/AML output queues
- TUBO	(no)-yes	AML Turbo - yes gives extra processing time for CSL input queues
- CFWS	(NO) YES	Call Forward Saved on SYSLOAD
- PCML	aa	Pulse Code Modulation Companding Law (aa = (MU) or A)
- ALRM	(NO) YES	Minor Alarm displayed on attendant consoles
- ERRM	aaa	Error Messages (aaa = ERR, BUG, or AUD)
- DTRB	xxx	Digitone Burst time in ms (xxx = 50, 60, 70, or (100))
- TMRK	xxx	Length of cadence increments in ms (xxx = 96 or (128))
- FCDR	aaa	Format for Call Detail Recording (aaa = (OLD) or NEW)
- PCDR	(NO) YES	Priority to CDR
- TPO	(NO) YES	Traffic Period Option
- TSO	(NO) YES	Trunk Period Option
- CLID	(NO) YES	Calling Line ID in the CDR
- DUR5	(NO) YES	Duration 0.5
- MLDN	(NO) YES	Multiple Loop DN
- NDRG	(NO) YES	New Distinctive Ringing
- MARP	(YES) NO	Multiple Appearance Redirection Prime feature allowed
- FRPT	aaaa	(Deny) or allow Access to incoming calls by FRE station (aaaa = (NEFR) or OLFR)

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- DCUS	0-5	Maximum number of ACD-ADS customers
- MSCL	0-8190	Maximum Speed Call Lists
- PMSI	(NO) YES	Modify Property Management Systems parameters
-- MANU	aaaa	PMS interface (aaaa = (PMS1), PMS2, or PMS3)
-- PMCR	a	Number of Call Registers used for PMSI (a = (x), y or 5)
-- PORT	0-15	Port number (range varies according to system option and card/port type)
-- XTMR	(0)-6	PMS acknowledgment time
-- XNUM	(1)-4	Number of retransmissions per message for PMSI
-- PMIN	(NO) YES	Minor alarm when the PMSI link is not responding
-- PTMR	(0)-31	Polling timer for PMSI
- NDIS	(20)-255	Number of Display messages for Background Terminal
- OCAC	(NO) YES	Support the Original Carrier Access Code format
- SBA_ADM_INS		
	0-(2)-63	Maximum Administrator and/or Installer Log Ins allowed at one time
- SBA_USER	0-(100)-500	Maximum User Log Ins allowed at one time
BCAP	a...a	Bearer Capability (a...a = (SPEECH) or 3.1 KHZ)

Gate Opener: CEQU (Common Equipment)

Prompt	Response	Comment
REQ	CHG	Request
TYPE	CEQU	Change to Common Equipment parameters
- XCT	a...a	Extended Conference/TDS/MFS
- CONF	a...a	Conference loop
- DLOP	loop dd ff ...	Digital Trunk Interface Loop or Loops (l = loop number; dd = number of voice or data calls; ff = frame format)
-- MODE	aaaa	Mode of operation (aaaa = LINK, PRI, or TRK)
-- LCMT	aaa	Line Coding Method (aaa = (B8S) or AMI)
-- YALM	aaa	Yellow Alarm Method (aaa = (FDL) or DG2)
-- T1TE	(0) - 2	T1 Transmit Equalization; 0= 0-200 ft, 1 = 200 - 400 ft, 2 = 400 - 700 ft
-- TRSH	0-15	Threshold

Gate Opener: OVLY (Overlay)

Prompt	Response	Comment
REQ	CHG	Request
TYPE	OVLY	Change Overlay area options
- SID	xxxx	System ID number
- BKGD	xx xx	Background Overlay task
- PBXH	00-23	Hour to perform Message Waiting lamp maintenance
- TODR	0-23	Time of Daily Routines
- DROL	xx xx	Daily Routine Overlays
- MULTI_USER	(OFF) ON	Multi-User Log In

Gate Opener: VAS (Value Added Server)

Prompt	Response	Comment
REQ	CHG	Request
TYPE	VAS	Value Added Server configuration
- VSID	0-15	VAS Identifier
- DLOP	loop dd ff ...	Digital Trunk Interface Loop or Loops (l = loop number ; dd = number of voice or data calls ; ff = frame format)
ELAN	x	Associate Value Added Server ID (VSID) x with Application Module Link over Ethernet (ELAN) x
- AML	0-15	Application Module Link
-- SECU	(NO) YES	Security for Meridian Link applications
-- INTL	1-12	Interval for checking Meridian Link for overload in five second increments
-- MCNT	5-100000	Threshold for number of Meridian Link messages per time interval
-- CONF	aaa	CSL Configuration (aaa = DIR or IND)
- APPL	aaa VMBA	Application (aaa = NEW, CHG, or OUT; VMBA = Voice Mailbox administration)
--CUST	xx	Customer number
-- DATA_CORRECT	(OFF) ON	Enable Voice Mailbox Database correction
-- AUTO_AUDIT	(ON) OFF	Enable the Automatic Voice Mailbox database audit
-- SATN	l s c u	SADM/Data Line Card TN
-- IDLP	0-158	DTI loop number used for IND CSL loop
- DLOP	loop dd ff ...	Digital Trunk Interface Loop or Loops (l = loop number ; dd = number of voice or data calls ; ff = frame format)
- CMS	0-15	ESDI port number used for the CSL
-- SECU	(NO) YES	Security for Meridian Link applications
-- INTL	1-12	Interval
-- MCNT	5-100000	Message Count Threshold
-- CONF	aaa	CSL Configuration (aaa = DIR or IND)
-- SATN	l s c u	SADM/Data Line Card TN
-- IDLP	0-158	IND DTI Loop

Gate Opener: ATRN (Aries Transmission)

Prompt	Response	Comment
REQ	CHG	Request
TYPE	ATRN	Aries Transmission
- CODE	(0)-2	CODEC Coding Law
- SOLR	0-(1)-4	Sidetone Objective Loudness Rating
- ROLR	(0)-63	Receive Objective Loudness Rating
- AOLR	(0)-12 32-50	2216 ACD set Objective Loudness Rating
- TOLR	(0)-63	Transmit Objective Loudness Rating
- AGCD	(NO) YES	Automatic Gain Control Disabled
- VOLR	(NO) YES	Volume Reset
- HRLR	(0)-8, 32-40	Handsfree Receive Objective Loudness Rating
- HTLR	(0)-11, 32-54	Handsfree Transmit Objective Loudness Rating

Gate Opener: ALARM (Alarm filters)

Prompt	Response	Comment
REQ	CHG	Request
TYPE	ALARM	Change Alarm Filters
- FMT_OUTPUT	(OFF) ON	Enable/(disable) formatting for the alarm/exception output
- AF_STATUS	(OFF) ON	Alarm and Exception filtering
- A_FILTER	aaa	Alarm Filter entry (aaa = NEW, CHG, or OUT)
- TRIGGER	a...a	Trigger string for alarm tables
- SEVERITY	aaaa	Alarm Severity (aaaa = (NONE), CRITICAL, MAJOR, or MINOR)
- SUPPRESS	0-(5)-127	Alarm occurrence threshold (prior to suppressing)
- ESCALATE	0-(2)-127	Alarm occurrence threshold (prior to escalating)
- A_FILTER	<cr>	Enter carriage return at this prompt to see E_FILTER prompt)
- E_FILTER	aaa	Exception Filter entry (aaa = NEW, CHG, or OUT)
- TRIGGER	a...a	Trigger string for exception tables
- ADAN	aaa bbb x	Action Device And Number (aaa = NEW, CHG, MOV or OUT ; bbb = I/O device type ; x = port number)
- USER	FIL	Alarm filtering message output

ROLR / TOLR/ AOLR Offsets and Values

Offset	ROLR/AOLR	TOLR	Offset	ROLR/AOLR	TOLR
0	+45.00	-45.00	32	+45.00	-45.00
1	+45.85	-44.50	33	+44.15	-45.50
2	+46.70	-44.50	34	+43.30	-46.00
3	+47.55	-44.00	35	+42.45	-46.00
4	+48.40	-43.50	36	+41.60	-46.50
5	+49.25	-43.00	37	+40.75	-47.00
6	+50.10	-43.00	38	+39.90	-47.50
7	+50.95	-42.50	39	+39.05	-47.50
8	+51.80	-42.00	40	+38.20	-48.00
9	+52.65	-41.50	41	+37.35	-48.50
10	+53.50	-41.50	42	+36.50	-49.00
11	+54.35	-41.00	43	+35.65	-49.00
12	+55.20	-40.50	44	+34.80	-49.50
13	N.A.	-40.00	45	+33.95	-50.00
14	N.A.	-40.00	46	+33.10	-50.50
15	N.A.	-39.50	47	+32.25	-50.50
16	N.A.	-39.50	48	+31.40	-51.00
17	N.A.	-38.50	49	+30.55	-51.50
18	N.A.	-38.50	50	+29.70	-52.00
19	N.A.	-38.00	51	N.A.	-52.00
20	N.A.	-38.00	52	N.A.	-52.50
21	N.A.	-37.00	53	N.A.	-53.00
22	N.A.	-37.00	54	N.A.	-53.50
23	N.A.	-36.50	55	N.A.	-54.00
24	N.A.	-36.00	56	N.A.	-54.00
25	N.A.	-35.50	57	N.A.	-54.50
26	N.A.	-35.50	58	N.A.	-55.00
27	N.A.	-35.00	59	N.A.	-55.00
28	N.A.	-34.50	60	N.A.	-55.50
29	N.A.	-34.00	61	N.A.	-56.00
30	N.A.	-34.00	62	N.A.	-56.50
31	N.A.	-33.50	63	N.A.	-56.50

Note: ROLR values are for reset volume.

HRLR / HTLR Offsets and Values

Offset	HRLR	HTLR	Offset	HRLR	HTLR
0	+42.00	-44.00	32	+42.00	-44.00
1	+42.85	-43.50	33	+41.15	-44.50
2	+43.70	-43.50	34	+40.30	-45.00
3	+44.55	-43.00	35	+39.45	-45.00
4	+45.40	-42.50	36	+38.60	-45.50
5	+46.25	-42.00	37	+37.75	-46.00
6	+47.10	-42.00	38	+36.90	-46.50
7	+47.95	-41.50	39	+36.05	-46.50
8	+48.80	-41.00	40	+35.20	-47.00
9	N.A.	-40.50	41	N.A.	-47.50
10	N.A.	-40.50	42	N.A.	-48.00
11	N.A.	-40.00	43	N.A.	-48.00
12	N.A.	N.A.	44	N.A.	-48.50
13	N.A.	N.A.	45	N.A.	-49.00
14	N.A.	N.A.	46	N.A.	-49.50
15	N.A.	N.A.	47	N.A.	-49.50
16	N.A.	N.A.	48	N.A.	-50.00
17	N.A.	N.A.	49	N.A.	-50.50
18	N.A.	N.A.	50	N.A.	-51.00
19	N.A.	N.A.	51	N.A.	-51.00
20	N.A.	N.A.	52	N.A.	-51.50
21	N.A.	N.A.	53	N.A.	-52.00
22	N.A.	N.A.	54	N.A.	-52.50
23	N.A.	N.A.	55	N.A.	N.A.
24	N.A.	N.A.	56	N.A.	N.A.
25	N.A.	N.A.	57	N.A.	N.A.
26	N.A.	N.A.	58	N.A.	N.A.
27	N.A.	N.A.	59	N.A.	N.A.
28	N.A.	N.A.	60	N.A.	N.A.
29	N.A.	N.A.	61	N.A.	N.A.
30	N.A.	N.A.	62	N.A.	N.A.
31	N.A.	N.A.	63	N.A.	N.A.

Note: All values are OLR ratings measured without inserted loss/gain for trunk card interfaces and computed per IEEE methods. Receive ratings are at a maximum volume. Transmit ratings are measured in an anechoic environment with less than 25 dBA room noise.

Alphabetical list of prompts

Prompt	Response	Comment
500B	16-2048	Output buffers for single line and digital telephones, and trunks Buffers for single line telephones, trunks and Digital telephones
ABOR	1-(5)-255	Number of abortions before an out-of-service. Enter in units of 1, the number of abortions in 15 minutes before an out-of-service is enforced.
ADAN	NEW aaa x CHG aaa x MOV aaa x OUT aaa x	Action Device And Number Add I/O device. Where: aaa = type, x = port Change I/O device. Where: aaa = type, x = port Move I/O device. Where: aaa = type, x = port Remove I/O device. Where: aaa = type, x = port Where, aaa and x can be any of the following: 1. AML 0-15 = Application Module Link 2. BDCH 0-15 = Backup primary D-channel 3. DCH 0-15 = primary D-channel 7. HST = History file 8. PRT 0-15 = Printer port number 10. TRF = Traffic Log file 11. TTY 0-15 = Teletype port number Note: You cannot configure more than 16 TTY and HST files. If a HST file is one of 16 TTY files configured and a new TTY is defined, the HST file will be deleted since the TTY has higher priority than HST.

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Prompt	Response	Comment
		The MOV command is not supported for AML, BDCH, HST, PRT, or TTY. MOV is supported for MSDL D-channels only. When using the MOV command, the D-channel must be disabled, as well as all associated PRI and DCH loops. This command is not allowed for a D-channel with a backup D-channel configured, and a backup D-channel cannot be moved to another physical address. MOV supports D-channels in PRI user mode only. It cannot be used if in shared or ISL mode. If the craftsman attempts to move a configured D channel from the MSDL card to the DCHI card when the D channel interface is based on UIPE, the move will not be allowed. The D channel must be disabled before it can be outed, changed or moved. OUT is not allowed on device 0. Changes to I/O devices are saved before ADAN is reprompted. To indicate the data has been saved, one of the following is output: • ADAN DATA SAVED • ADAN DATA CHGED • ADAN DATA REMOVED • ADAN DATA MOVED Entering 4 asterisks (****) after the ADAN prompt saves the changes and exits the overlay.
AF_STATUS	(OFF) ON	This prompt enables (disables) the alarm and exception filtering. <CR> retains the current filtering status
AGCD	(NO) YES	Automatic Gain Control Disabled
ALARM	(NO) YES	Change Alarm filters Must have Alarm Filtering (ALRM_FILTER) package 243.
ALRM	(NO) YES	Minor Alarm displayed on attendant consoles. (NO) disables the minor alarm on consoles.
AML	0-15	Application Module Link

Prompt	Response	Comment
AOLR	(0)-12 32-50	2216 ACD set Objective Loudness Rating The default value for the AOLR prompt will be the same default value as for ROLR prompt. See “ROLR / TOLR/ AOLR Offsets and Values” on page 285 to determine the decibel level which corresponds to your response to AOLR.
APPL	NEW VMBA CHG VMBA OUT VMBA	Application Add Voice Mailbox Change Voice Mailbox Remove Voice Mailbox This prompt allows the user to add, change, or remove an application associated with the VAS ID. The APPL prompt appears when VAS = NEW or CHG.
APPL	ISAP	User application type: Meridian Link ISDN/AP
APRT	(NO) YES	ACD printer APRT cannot be YES if prompt SSUP = YES.
ATRN	(NO) YES	Aries Transmission Change Transmission parameters for Meridian Modular or Aries telephones These transmission parameters are downloaded to Meridian Modular telephones: • after sysload (except during parallel reload) • when enabling the loop, shelf or card • when the telephone is plugged in. These values determine the loudness of the receiver and transmitter. Before changing these values, refer to the <i>Summary of Transmission Parameters</i> NTP and the <i>International Loss and Level Plan</i> planning and engineering NTP.
AUDT	(NO) YES	Audit Trail for password usage Prompted for PWD1 and PWD2.
AUTO_AUDIT		Automatic Voice Mailbox database correction

Prompt	Response	Comment
	(ON) OFF	When enabled, the Voice Mailbox data is audited every 5 days to ensure consistency between the Meridian Mail and Meridian 1 databases. The audit takes place during the daily routines every 5 days.
AXQI	(20)-255	Size of Auxiliary Input Queue Maximum lesser of 25% of the maximum number of call registers defined for the system, or 255.
AXQO	(20)-255	Size of Auxiliary Output Queue Maximum lesser of 25% of the maximum number of call registers defined for the system, or 255.
BANR		Optional Security Banner option. BANR is prompted when USER = SCH and/or MTC.
	(YES) NO	Enable security banner printing option Disable security banner printing option
		If BANR = YES, the following Security Banner will be printed at the time a login is attempted, whether or not the login is successful: <i>"Warning: The programs and data stored on this system are licensed to or are the property of NT/BNR and are lawfully available only to authorized users for approved purposes. Unauthorized access to any program or data on this system is not permitted. This system may be monitored at any time for operational reasons. Therefore, if you are not an authorized user, DO NOT ATTEMPT TO LOG IN."</i>
		The programmer will not modify an existing I/O block by hitting carriage return (<cr>) in response to BANR.
BCAP	(SPEECH) 3.1 KHZ	Bearer Capability Speech 3.1 KHZ
BCHI	1-15	Backup D-channel port number. Precede with "X" to remove.
BCHL	0-159 0-159 1-126	PRI loop number for Backup D-channel. Prompted when ADAN = BDCH. PRI loop number and interface identifier for DCHI when IFC = D70. Precede with X to remove.

Prompt	Response	Comment
BCST	(NO) YES	Only this broadcast port is affected by flow control All broadcast ports of the same user type are affected by flow control. Use this prompt with caution. For example, if BSCT = YES, and a maintenance port receives an X-off command, system output to all maintenance ports will eventually be blocked. This prompt appears only if FLOW = YES. BSCT is not prompted for TTY_TYPE = LSL.
BITL	(5), 6, 7, 8	Bit length. Prompted for asynchronous ESDI ports.
BKGD	30, 34, 36, 37, 38, 40, 43, 44, 45, 46	Background overlay task Enter the diagnostic program number 30, 34 and so on, to run in background when the overlay area is idle. The customer may configure more than one overlay to be run in background. These overlays will run sequentially, one after the other. The data dump routine LD 43 should be reserved for the DROL to preserve data integrity.
BPS	1200 2400 4800 9600 19200 48000 56000 64000	Asynchronous baud rates (bits per second): 1200 Bits Per Second 2400 Bits Per Second 4800 Bits Per Second. Default for AML ports. 9600 Bits Per Second. Default for Option 81 CP card. 19200 Bits Per Second 48000 Bits Per Second 56000 Bits Per Second 64000 Bits Per Second. Default for ISL D-channels. If the baud rate is set differently (e.g., 4800) the system will return to the default TEMPORARILY if it is manually initialized. The entered baud rate will return when the initialization is complete.

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Prompt	Response	Comment
CACH	(0) 2-32	Cache CACH = the number of overlay programs in cache buffers. Up to 32 overlays can reside in system memory. This reduces the overlay loading time to about one second. The first time an overlay is requested by the LD xx command it is loaded from disk and placed in the cache memory. If cache area is full, the oldest used non-priority overlay in cache memory is replaced by the new overlay. In the event of data corruption to the overlay or cache memory, the problem can be corrected by a forced reload of the overlay from disk by the command "LD xx D". The DIST/ENLT cannot be used to force a reload of the current overlay. If a SYSLOAD of a new issue of software reduces the available memory, the number of cache buffers is reduced. When this occurs an OVL407 message is output. If this results in too many priority overlays, the highest number priority overlays are removed. Background or daily routine overlays are not stored in cache. If CACH = 0, all overlays are loaded from disk. CACH is not prompted for Options 11C, 51C, 61C, 81 and 81C.
CDNO	0-15	Serial Data Interface (SDI) Card number Number the SDI cards logically with the system. Keep a paper record of the number and physical location of each SDI card. Enter 0 if you are not using CDNO to keep track of SDI ports and cards.
CEQU	(NO) YES	Change to Common Equipment parameters
CFWS	(NO) YES	Call Forward Saved on SYSLOAD and reactivate on completion. To save information, set CFWS = YES.
CLID	(NO) YES	Calling Line ID in the CDR If CLID = NO, "XXXXXXXXXXXX" will be printed in CLID field of CDR record. Prompted when CDR = YES and the Integrated Services Digital Network (ISDN) package 145 is equipped.
	OPT0	Prefix = 0 for North American dialing plan. OPT0 is the default for ESIG and ISIG interfaces.

Prompt	Response	Comment
	OPT1	Prefix = 1 for international PFXs in CLID. Any numbering type is supported. OPT1 is the default for all EuroISDN interfaces.
	OPT2	Prefix = 2, for international PFXs in CLID. CCITT numbering types supported are: UKWN, INTL, NPA, and NXX. OP2 is the default for CO/DID routes for the Telecom New Zealand interface.
	OPT3	Prefix = 3 for international PFXs in CLID. Only the NXX number type is supported. OPT3 is the default for TIE routes for the Telecom New Zealand interface.
	OPT4	For international COs, if the call originates from a CO trunk type, add nothing. Otherwise, add PFX1 and PFX2. OPT4 is the default for the Hong Kong, Singapore, and Thailand interfaces.
	OPT5	This is the same as OPT4, except it supports a maximum of 10 digits in the CLID. OPT5 is the default for the Austrian interface.
CLOK		Source of primary clock is either internal or external. Prompted for ISL D-channels and ESDI synchronous ports. Other D-channels are automatically set to EXT.
	EXT	External Clocking. When USR = ISLD, CLOK should be set to External. Default for ISL D-channels is EXT.
	INT	Internal Clocking. INT is used only during D-channel loopback tests, where one side is set to INT, the other is set to EXT. Default for ESDI AML ports is INT.
CMS	0-15	ESDI port number used for the CSL Synchronous ESDI port number used for the CSL. This must be the same value as the port number defined at the ADAN prompt. Precede with X to remove. Prompted when SYNC and USER = CMS.

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Prompt	Response	Comment
CODE	x xx xx xx	Code, prompted when DTD = TDS. A valid Hex Code for access to a flexible TDS table for a test tone, used to check a Dial Tone Detector or DTD. This code only applies when the tone generator is a TDS. If an XCT is used to generate the test tone the value in CODE will be ignored and the XCT will generate the dialtone specified in the FCT Table number 0 in LD 56.
CODE	(0) 1 2	CODEC Coding Law Mu or μ -Law for North America. This parameter is only used by the Meridian digital sets as part of the transmission parameters. A Law, inverted for Sweden only A Law, even-bit interleaved
CONF	DIR IND	Direct link CSL Configuration Indirect link CSL Configuration
CONF	29-31,62	Conference loop Use even-numbered loops for Conference. You may configure more than 16 Conference loops; however, enabling more than 16 Conference loops may cause the system to lock-up. Precede with X to remove.
CO_TYPE	(STD) ATT	Central Office switch type. Prompted if IFC = NI2. 100% compatible with Bellcore standard AT&T 5ESS
CRC	1-(10)-20	CRC threshold. Enter in units of 5 per cent. CRC establishes the % of Cyclic Redundancy Code (CRC) errors detected in 15 minutes before an out-of-service threshold is enforced. $\text{CRC} = (\# \text{ of packets retransmitted}) \div (\text{total} \# \text{ packets sent}).$

Prompt	Response	Comment
CSQI	(20)-255	Maximum number of call registers for CSL input queues These call registers are used for Command and Status Link applications such as Meridian Link. Set CSQI and CSQO equal to the larger number of either: 1. ACD agents or AST sets to be controlled by the host computer, or 2. 50. Do not set CSQI and CSQO to a number exceeding 25 percent of the total number of call registers.
CSQO	(20)-255	Maximum number of call registers for CSL/AML output queues These call registers are used for Command and Status Link applications such as Meridian Link. Set CSQI and CSQO equal to the larger number of either: 1. ACD agents or AST sets to be controlled by the host computer, or 2. 50. Do not set CSQI and CSQO to a number exceeding 25 percent of the total number of call registers.
CTYP		Card Type (Input/output port card type)
	CPSI	Call Processor card (Option 81)
	DCHI	D-channel Interface card
	ESDI	Enhanced Serial Data Interface
	ELAN	AML over Ethernet card
	MSDL	Multi-purpose Serial Data Link
	PTY	Pseudo TTY (Option 81)
CUST	0	Customer number associated with this function
	xxx	Customer to be accessible by way of PWnn. Enter the customer (0-99) and the associated Tenant numbers (entered at the TEN prompt) to have access with PWnn to overlays specified at prompt OVLA.
	ALL	All customers and associated tenants have access with this password.

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Prompt	Response	Comment
	<cr>	No change to previous definitions. Precede with X to remove.
DATA_CORRECT (OFF) ON		Voice Mailbox Database Correction In enabled state, the Meridian Mail database is updated to match the Meridian 1 database when the database audit discovers a discrepancy.
DCHI	0-15	D-channel Interface port number When adding a D-channel the MEM AVAIL data is output after this prompt indicating the channel has been added. You can therefore abort the program and save the changes without going to the REQ prompt. Precede with X to remove.
DCHL	1-9	PRI loop number
DCUS	0-5	Maximum number of ACD-ADS customers
DDCS	0-159	Loop number for NT DPNSS/DASS hardware Precede with X to remove.
DENS	SDEN DDEN 4DEN	Single ports on SDI card Double ports on SDI card Quad ports on SDI card
DES	d...d	Designator (AML port designation) DES is used to identify the link and can be up to 16 alphanumeric characters: 0-9, and upper case (A-Z). Characters * and # are not allowed. Spaces are removed by the system. For example "MERIDIAN MAIL" becomes "MERIDIANMAIL". Use the underscore character instead, such as MERIDIAN_MAIL DES can be left blank or changed as required. If DES is already defined for a link, the system outputs the current name and reprompts DES. Precede the existing DES with X to remove. Example: "XMERIDIAN_MAIL".

Prompt	Response	Comment
DLOP	loop dd ff	Digital Trunk Interface Loop or Loops. Where: • l = loop number 0-159 • dd = maximum number of simultaneous voice or data calls 0-(24) • ff = frame format D2, D3, D4, or ESF The default for frame format ff is ESF if prompt MODE is set to PRI; D3 if MODE is set to DTI or LINK. Loop must be removed before a change to ff can be made.
DLOP	L1 L2 Ln	Digital Trunk Interface Loop or Loops Loop numbers of the DTI Loops associated with this VAS. Loops must have previously been defined as MODE = LINK. Precede with X to remove.
DNUM	0-15	Device number for I/O ports. All ports on the MSDL card share the same DNUM. The MSDL card address settings must match the DNUM value. For all other ports such as SDI, DCHI, etc., the device number should match the port address switch settings. To configure a D-channel on an even number port the card type must be SPDC or MSDL.
DRAT	(56K) 64KC 64KI	D-channel transmission Rate 56 kb/s when LCMT is AMI 64 kb/s clear. Allowed if LCMT = B8S for SL-1 to SL-1 only. Default for PRI2. 64 kb/s inverted HDLC, 64 kb/s restricted DRAT must match the far end. In Release 15 and later, DRAT is not prompted when configuring the ISLD-channel because speed is controlled by the modem baud rate.
DROL	30, 32, 34, 36, 37, 38, 40, 43, 44, 45, 46, 60, 61	Daily Routine Overlays. Daily or midnight routine programs are run once a day at the time specified by prompt TODR.

Prompt	Response	Comment
DTRB		Digitone Burst time in ms
	(100)	100 ms bursts of DTMF with 100 ms interdigit pause
	50	50 ms bursts of DTMF with 50 ms interdigit pause
	60	60 ms bursts of DTMF with 90 ms interdigit pause
	70	70 ms bursts of DTMF with 70 ms interdigit pause
		This determines the DTMF burst and interdigit pause for the Tone and Digit Switch or TDS.
		Burst time of 50 ms is used for the Fast TDS; 100 ms is used for the standard TDS. Burst time of 60 ms and 70 ms is used for international requirements.
DUPX	(FULL)	Full Duplex mode
	HALF	Enter FULL if each end can simultaneously send and receive. Half Duplex mode
DUR5		CDR call duration with 0.5 second accuracy. DUR5 does not apply to CDR data link.
	(NO)	CDR call record output on TTY with 2.0 second duration accuracy.
	YES	CDR call record output on TTY with 0.5 second duration accuracy for Japan.
		0.5 second duration accuracy is available for outgoing trunks with answer supervision outside Japan.
ELAN	x	Application Module Link (AML) over Ethernet
		Associate Value Added Server ID (VSID) x with AML over Ethernet (ELAN) x.
		The configured VSID of the ELAN will be used to distinguish the connection between the Meridian 1 and each application in a multiple application Ethernet environment. If the Nortel X Call Center (NXCC) package 311 is not equipped, a maximum of 16 ELANs can be configured and supported in the range of 16 to 31.
ERRM		Error Messages (prompted when USER = MTC)
	ERR	Error monitor-hardware
	BUG	Error monitor-software
	AUD	Software Audit
		The messages, if enabled here, are output on the maintenance port. Precede with X to remove.

Prompt	Response	Comment
ESCALATE	0-(2)-127	Alarm occurrence threshold (prior to escalating) This determines the number of times a major alarm may occur before it becomes critical. Entering 0 disables the alarm escalation. This applies to major alarms only.
ESDI	YES NO	Enhanced Serial Data Interface Default is as previous if ADAN = CHG. The default is NO if ADAN = NEW and no ports on the card are configured, or if the other port is configured and is not ESDI. The default is YES if the other port is configured and is ESDI.
E_FILTER	NEW CHG OUT	Add an Exception Filter entry. Change an Exception Filter entry. Remove an Exception Filter entry. This is reprompted for subsequent exception filters. Up to 50 Exception Filters can be configured. Entering <CR> completes exception filter entries. Precede with X to remove.
FCDR	(OLD) NEW	Format for Call Detail Recording Use OLD for Pre-Release 18 CDR format. Information field location varies according to which features are equipped. Use NEW for Release 18 and later CDR format. Information field locations are fixed. Prompted when New Format CDR (FCDR) package 234 is equipped.
FLOW	(NO) YES (NONE) XON CTS	Flow control capability (X11 Release 18 and later) This prompt appears for Options: 51C,61C,81C. Flow control (X11 Release 17 and earlier) Prompted for asynchronous ESDI ports.
FLTH	0-(3)-7	Failed Log In Threshold Prompted for PWD2 users.
FMT_OUTPUT	(OFF) ON <CR>	Alarm Filters Formatted printing This prompt disables formatting for the alarm/exception output. This prompt enables formatting for the alarm/exception output. Retains the current formatting status.

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Prompt	Response	Comment
FRPT	(NEFR) OLFR	Access to incoming calls by FRE station denied Access to incoming calls by FRE station allowed If FRPT = OLFR, then a FRE station can do Ringing Number Pickup, Night Answer and receive modified calls.
FTYP	(3) 3S 5	3.5 inch high density floppy type 3.5 inch super density floppy type 5.25 inch floppy type Prompted if ADAN = FDK or HDK.
FUNC		MSDL card Function (Release 19 and later). This prompt is used when applying the MSDL card to the SDI application.
	ABD FCL MOD LME SCN	Autobaud Flow Control (XON/XOFF handling) Modem support Line Mode Editing Character Screening Precede with X to delete.
HIST	(0)-65534	History File buffer length The History File stores system messages in Protected Data or Pdata and uses an SDI port address. When full, new incoming messages overwrite the oldest messages. The History File survives initialization, but is lost during SYSLOAD or when the file length is changed. The History File cannot be created if all 16 I/O ports are defined. HIST is not prompted in X11 Release 18 and later. See prompt SIZE.
HOST	(NO) YES	Enable HOST mode Log In for password PWnn. When a HOST user logs in, the outputs defined for the port are only output to that port. For example, two ports are defined by prompt USER to output BUG and SCH messages. When a HOST user logs in to one of these ports, the other port does not require BUG and SCH messages until the HOST user logs out. This removes the restriction that ports with the same output must operate at the speed of the slowest port. This feature is primarily used by applications such as Meridian Manager.

Prompt	Response	Comment
HPIB	16-1000 16-5000	High-Priority Input Buffers High-Priority Input Buffers for System Options 51C, 61C, 81 and 81C. Recommended for attendant consoles and DID/TIE trunks. High priority line or trunk cards are placed in slot 1 and assigned have CLS = HPR in LD 10, 11, 12 or 14. Superloops do not require any line or trunk cards assigned as high priority. Refer to Appendix 553-2201-151.
HRLR	(0)-8, 32-40	Handsfree Receive objective Loudness Rating The HRLR value is downloaded to Meridian Modular telephones after sysload, except when performing a parallel reload. Refer to the Transmission parameter and International loss and level plan NTP's before adjusting this value. The default is 0. The number entered in this field corresponds to an offset value. The offsets and their corresponding values are provided on page 286.
HTLR	(0)-11, 32-54	Handsfree Transmit Objective Loudness Rating The HTLR value is downloaded to Meridian Modular telephones after sysload, except when performing a parallel reload. Refer to the Transmission parameter and International loss and level plan NTP's before adjusting this value. The default is 0. The number entered in this field corresponds to an offset value. The offsets and their corresponding values are provided on page 286.
IADR	0-(3)-255	Individual Address for the data-link level HDLC protocol. The IADR and RADR prompts must be coordinated with the far end. If IADR is defined as 3, then RADR must be 1.

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Prompt	Response	Comment
IDLE_DISP_CHAR xx	aaaa	Change customized text string character by character, where xx (01 to 24) is the position of the character in the customized text string. The IDLE_DISP_CHAR prompt is only prompted if SUPPORTED_TEXT_ONLY = NO and is re-prompted until a <CR> is entered or xx = 24th character has been entered, thus allowing additional characters to be entered. Where: c = one supported character. hh = 2 hexadecimal digits (0-9, A-F, a-f) representing a supported character.
IDLP	0-158	IND DTI Loop DTI loop number used for IND CSL loop. See DLOP prompt.
IFC		Interface type for D-channel. Note that when USR = ISLD or SHA, the interface is automatically entered as SL1.
	(D100) D250	Meridian DMS-100 Interface to Meridian DMS-250
	ESS4 ESS5	Interface to AT&T ESS#4 AT&T ESS#5
	NI2 S100 SL1 SS12	NI-2 TR-1268 interface type Meridian SL-100 Meridian SL-1 SYS-12 for Norway
INC_T306	0-(2)-T306	Variable timer for received disconnect message on incoming calls, allowing in-band tone to be heard when sent by the network. The network will stop sending tone after T306 expires, so the maximum time will be T306. T306 is 30 seconds (entered in 2 second increments).
INIT	(YES) NO	Manual initialization to reset ports which were locked-out due to failed LOGI attempts. CAUTION: While established calls in progress are unaffected, calls in the signaling state will be aborted.

Prompt	Response	Comment
INTL	1-12	Interval Time interval for checking Meridian Link for overload in five second increments This is the interval for counting the number of messages on a Meridian Link. See prompt MCNT.
ISDN_MCNT	60-(300)-350	Layer 3 call control message count per 5 second time interval.
ISLM	1-382	Integrated Services Signaling Link Maximum. Maximum number of ISL trunks controlled by the D-channel. There is no default value.
K	1-(7)-32	Maximum number of outstanding frames This value should be the same for the Meridian 1 (near-end) and the host processor (far-end). Where: • 7 = recommended value for AUX applications • 2 = recommended value for CCITT
LAPD	(NO) YES	Link Access Protocol for D-channel Change LAPD parameters.
LAPW	0-99 <cr>	Enter Limited Access to Overlays Password number to be created, modified or deleted. No more password changes Precede with X to remove. LAPW is reprompted after the OPT prompt, thus allowing multiple Limited Access to Overlays Password users to be created. If the overlay is exited after the OPT prompt the LAPW information is saved. If the overlay is exited before the OPT prompt, the information is not saved.
LCMT	(B8S) AMI	B8ZS Line Coding Method Alternate Mark Inversion, B7 Line Coding Method Release 19 and later, the default is B8ZS when the frame format is ESF. When the frame format is D2, D3, or D4, the default is AMI.
LCTL	(NO) YES	Change Link Control system parameters
LEVL	(INST) ADMN	Access Level for Set Based Administration password Access Level for Set Based Administration password

Prompt	Response	Comment
LNAME_OPTION (NO) YES		Require Log In name for password access If the option is changed to YES, each password currently in the system is given a default name which is used until new names are assigned. The default names applied to the passwords are: • ADMIN1 is applied to the current PWD1 • ADMIN2 is applied to the current PWD2 • USER0 is applied to the current Password 00 • USER1 is applied to the current Password 01 • (and so on to USER 99) The following message is output before reprompting REQ: DEFAULT LOGIN NAMES SAVED. To login to the system with the LNAME_OPTION enabled, use: LOGIN ADMIN2 <cr> PASS (prompted by the system) Enter the current second level administration password. If the option is changed from YES to NO, random passwords are assigned by the system to ensure no password duplication. The default password for PWD2 is output to the terminal when this option is disabled. The following message is output: WARNING: PASSWORDS WILL BE CHANGED TO DEFAULT VALUES. OK? (Y/N) If Y is entered, the following appears: DEFAULT PASSWORDS SAVED PWD2 = <pwd2 password> Note that entering YES forces the user to define passwords. If NO is entered, Log In name may still be entered, but is not required. To find the other default passwords assigned by the system, Load Overlay 22 and print PWD. With Multi-user Log In enabled, it is possible for more than one user to be logged in with the same name/password combination. However, no two Log In names can have the same password associated with them.

Prompt	Response	Comment
LOCK	0 -(60)-270	Lockout time, prompted for PWD1 and PWD2 users. The is the time, in minutes, that a port is locked out once the Failed Log In Threshold or FLTH has been exceeded. Messages of the lockout are displayed on maintenance terminals and supervisory stations.
LOGIN_NAME	aaa aaaa	Log In name for password access When LNAME_OPTION is YES, the names must be associated with each Log In password. This can be up to 11 alphanumeric characters (0-9, A-Z, a-z).
LPIB	96-5000 96-1000	Low-Priority Input Buffers for Options 51C/61C/81. Low-Priority Input Buffers all other options. Most stations and trunks are defined as low priority. See prompt HPIB. Refer to the <i>Memory Calculations Appendix</i> in the <i>Planning and Engineering</i> NTPs.
LPWD	aaaa <cr>	Enter current LAPW password to change user password. Leave Log In password unchanged This prompt appears only for LAPW users if PWD2 is entered. This prompt is used by Limited Access to Overlay users to change their password.
LTHR	(NO) YES	Link Threshold Change link performance thresholds for ESDI only.
MAGT	0-999 0-1200	Maximum number of ACD agent IDs per customer. Release 13 and later.
MANU	(PMS1) PMS2 PMS3	Standard PMS interface Requires <cr> HOD to recognize input message Updated RMS message is followed by the old RMS when a room DN checks IN or OUT.
MARP	(YES) NO	Multiple Appearance Redirection Prime feature allowed.
MAT	(NO) YES	Enable MAT 5.0 Log In for password PWnn Mat 5.0 users can remote log in from a PC to perform Alarm Management and Maintenance operations through a graphical interface. PWD1 and PWD2 users always have MAT 5.0 access.

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Prompt	Response	Comment
MAT_READ_ONLY	(NO) YES	Do not restrict MAT 5.0 write access for password PWnn Restrict MAT 5.0 write access for password PWnn Read only provides MAT 5.0 users access to Alarm Mangement and Equipment View windows. However, read only users cannot clear or acknowledge alarms, and can only perform status commands. PWD1 and PWD2 users always have MAT 5.0 write access.
MCFN	x x x x x x	Number and size of SIMMs in options: 51C, 61C, 81C, 81. Where x = 0, 4, or 16 (for SIMM size in megabytes). The SIMM size depends on the CP card type. If size is not specified, the system assumes they are unequipped (ie. size = 0). This does not affect system operation.
MCNT	5-100000	Message Count Threshold Threshold for number of Meridian Link messages per time interval. The recommended setting is 400. With INTL = 4 and MCNT = 400, the maximum flow is 20 messages per second.
MGCR	0-NCR	Maximum number of call registers used by AUX messaging. MGCR is associated with the NCR prompt. It is the maximum number of call registers that can be queued for use by AUX messaging before extra processing time is allocated to handle them.
MLDN	(NO) YES	Multiple Loop DN. MLDN allows multiple appearance DNs to be on different loops.
MODE	LINK PRI TRK	Mode of operation Digital Link mode Primary Rate Interface mode Digital Trunk mode

Prompt	Response	Comment
MSCL	0-8190 0-7999	Maximum number of Speed Call Lists that can be defined on the system for Release 13 and later. Maximum number of Speed Call lists and/or Group Hunt lists that can be defined per system. The system will default to 255 if converted from a prior release, and the Speed Call package is equipped. Otherwise, the default is 0.
MULTI_USER	(OFF) ON	Multi-User Log In
N1	32, 64, 128, (512)	Maximum Number of octets per HDLC information frame. An entry of 128 or 512 is recommended for ELAN.
N2	4-(8)-16	Maximum Number of retransmissions in steps of 1.
N200	1-(3)-8	Maximum Number of retransmissions
N201	4-(260)	Maximum Number of octets in information element
NCR	26-2047	Number of Call Registers The maximum number of call registers may be limited by the amount of system memory. In this case the number of call registers is the amount of protected memory available divided by the number of words per call register. <i>Refer to the Memory Calculations Appendix in the Planning and Engineering NTPs.</i>
NDCH	0 - 15	Move the primary D-channel to this logical number. ADAN MOV command is supported for D-channels.
NDIS	(20)-255	Number of Display messages for the Background Terminal (BGD). The NDIS entry determines the queue length for display messages for the BGD application.
NLPW	x...x <cr>	New Limited Access to Overlay log on password for the user Leave Log In password unchanged Valid characters are 0-9, A-Z and a-z. Length is 4 characters, 4-16 characters with Limited Access to Overlays (LAPW) package 164.

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Prompt	Response	Comment
NPW1	x...x <cr>	New Password 1(PWD1 Log In password) No change Valid characters are 0-9, A-Z and a-z. Length is 4 characters, 4-16 characters with Limited Access to Overlays (LAPW) package 164.
NPW2	x...x <cr>	New Password 2 (PWD2) No change Valid characters are 0-9, A-Z and a-z. Length is 4 characters, 4-16 characters with Limited Access to Overlays (LAPW) package 164.
NPWC	aaaa	Enter New Mini-CDR password. Acceptable values range between 0-9 and A-Z.
OCAC	(NO) YES	Support the Original Carrier Access Code format The expanded CAC format is automatically supported. OCAC should be set to YES before and during the interim period. If OCAC is not set properly, Equal Access screening will not function.
OPT		Options for password PWnn. Multiple entries must be separated by a space.
	(CFPA) CFPD	Configuration Prompts Allowed Configuration Prompts Denied CFPD allows access to prompts LPWD and NLPW to change one's own password.
	(DTD) DTA	Deny DN-TN correspondence (administrator access only) Allow DN-TN correspondence (administrator access only)
	(FEAD) FEAA	Deny Change Set Features (administrator & installer access) Allow Change Set Features (administrator & installer access)
	(FORCD) FORCA	Deny the Force command Allow the Force command
	(LLCD) LLCA	Line Load Control Denied Line Load Control Allowed Access to Line Load Control commands in LD 2. Release 12 and later.
	(MOND) MONA	Deny the Monitor command Allow the Monitor command

Prompt	Response	Comment
	(NAMD) NAMA	Deny Change CPND Names (administrator and installer access) Allow Change CPND Names (administrator and installer access)
	(PROD) PROA	Print Only Denied Print Only Allowed Restricts overlay access to printing functions only.
	(PSCA) PSCD	Printing of Speed Call lists Allowed Printing of Speed Call lists Denied Printing Speed Call lists can be allowed even though the overlay is restricted for all other functions.
	(TADD) TADA	Deny Set Time and Date (administrator and installer access) Allow Set Time and Date (administrator and installer access)
	(TOLD) TOLA	Deny Change Toll Restrictions (administrator and installer access) Allow Change Toll Restrictions (administrator and installer access)
ORUR	1-(5)-255	Overrun/Underruns out-of-service threshold Enter in units of 1, the number of overrun/underrun in 15 minutes before an out-of-service is enforced.
OTBF	1-(32)-127	Output request buffers
OUT_T306	0-2-(30)-T306	Variable timer for received disconnect message on outgoing calls, allowing in-band tone to be heard when sent by the network. The network will stop sending tone after T306 expires, so the maximum time will be T306. T306 is 30 seconds (entered in 2 second increments).
OVLA	1-99 ALL XALL <cr>	List of Overlay programs from 1 to 99 to be accessible by way of password PWnn Overlay number To allow access to all overlays To deny access to all overlays No change to previous definitions Multiple entries must be separated by a space and the last entry must be followed by a carriage return. Precede with X to remove.
OVLY	(NO) YES	Overlay
PARM	(NO) YES	Gate opener for System Parameters.

Prompt	Response	Comment
	R232/R422 DCE/DTE	Parameters for Interface and transmission mode, prompted for MSDL ports. The RS-422 parameters are established with switch settings on the MSDL card. This prompt is used to verify those settings prior to enabling the card. RS-232 parameters are set both on the card and at this prompt. Both values must be entered even if only one of them is being changed. For example "R232 DCE." Default for AML is R232 DCE. Default for D-channels is R422 DTE.
PARY	(NONE) ODD EVEN	Parity type. Prompted for asynchronous ESDI ports. No parity bit Odd parity bit Even parity bit
PBXH	0-23	Hour to perform Message Waiting lamp maintenance
PCDR	(NO) YES	Priority to CDR YES gives CDR priority over call processing.
PCML	(MU) A	Pulse Code Modulation companding Law for the system μ-Law (use μ-Law for North America) A-Law
PDCH	0-15	Primary D-channel associated with a backup D-channel Both D-channels must be on the same card type that is DCHI or MSDL. Prompted if ADAN = BDCH
PINX_CUST	0-99	This customer number will be used for the DN address translation associated with call independent connection messages received on this D-channel. Prompted when IFC = ISGF.

Prompt	Response	Comment
PMCR		Number of call registers used for PMSI.
	5	Minimum number of call registers to be configured is 5
	(x)	The lesser of either 60 or 25 percent of the total system call registers
	y	The lesser of either 250 or 25 percent of the total system call registers
		For example, if you enter 65, but 25 percent of the system total is 45, the number entered by the system will be 45.
PMIN	(NO) YES	Minor alarm when the PMSI link is not responding. This is not prompted if XTMR = 0. When this prompt is Yes, the attendants minor alarm is activated when the PMSI link does not respond. Note that when the link responds again, the alarm is not cleared.
PMSI	(NO) YES	Modify Property Management Systems parameters This is prompted is Property Management Systems Interface (PMSI) is enabled.
PORT		<i>Port number for MSDL cards, I/O devices, or PMSI ports :</i>
	0-2	Port number for the CP card
	1	Port number for the MSDL card
	0-7	Port number for Pseudo TTYs
		Prompted only when CTYP = MSDL (Multi-purpose Serial Data Link), CPSI (CP card), or PTY (Pseudo TTY).
PRI		Primary Rate Interface ISDN PRI architecture is composed of three protocol layers providing different services: • layer 1: physical layer • layer 2: link layer • layer 3: network layer These layers provide a standard interface for voice and data communication. Each layer uses the services provided by the layer below, and builds on these services to perform functions for the layer above. Each layer or block can be modified without affecting the protocols in another layer.

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Prompt	Response	Comment
	loop x	Enter loop number for additional PRI loops using the same D-channel and the interface ID for the additional loop numbers. Where: • loop = 1-9 for PRI loop number • x = 2-15 for Interface ID The PRI prompt is used to assign the PRI loops controlled by the D-channel. Each loop is given an Interface ID. The PRI loop carrying primary D-channel (DCHI) and backup D-channel (BCHI) are assigned an Interface ID 0 and 1, respectively. The 14 remaining PRI loops that can be assigned to the D-channel are defined here and given an Interface ID of 2-15.
PRIM	0-15	Primary PMS port. To remove port, enter X.
PWD	(NO) YES	Change Password options
PWD2	x...x	Password 2 Enter current second level administration password. This password is required to change existing passwords PWD1 and PWD2. Valid characters are 0-9, A-Z and a-z. Length is 4 characters, 4-16 characters with Limited Access to Overlays (LAPW) package 164. Only a Limited Access to Overlays user will be able to change their own passwords.
PWnn	x...x	Password Valid characters are 0-9, A-Z and a-z. Length is 4 characters, 4-16 characters with Limited Access to Overlays (LAPW) package 164. Where: nn = number entered in response to LAPW prompt. Enter the LAPW password to be used for PWnn.
PWTP	(OVLY) SBA	OVLY Password Access Type SBA Password Access Type
RADR	0-(1)-255	Remote Address for the data-link level HDLC protocol The IADR and RADR prompts must be coordinated with the far-end. If IADR is defined as 3, then RADR must be 1.

Prompt	Response	Comment
RCAP		Remote Capabilities. Enter one or more values to define the capabilities of the far-end.
	DV1I	Diversion information is sent to remote switch.
	DV1O	Diversion information is sent to remote switch.
	DV2I	Rerouting requests from remote switch are processed.
		Rerouting requests from remote switch are processed.
	DV2O	Diversion information is sent to remote switch. Rerouting requests from remote switch are processed.
		Diversion information is sent to remote switch.
	DV3I	Rerouting requests from remote switch are processed.
		Precede with 'X' to remove capability.
	DV3O	
	MSL	Remote D-channel is on a MSDL card
	MWI	Message Waiting Interworking with DMS-100
	NAC	Network Access data. Enter XNAC to remove NAC as a remote capability. NAC is allowed if : - the D-channel is defined on an MSDL card (i.e. CTYP=MSDL) - the D-channel interface type is SL1 (IFC=SL1) - software release of remote end is equivalent of x11 release 22 or greater (RLS≥22)
	NCT	Network Call Trace supported
	ND1	Network Name Display method 1
	ND2	Network Name Display method 2
	ND3	Network Name Display method 3 . ND3 ensures the same level of service between the MCDN and QSIG name display services.
	NDS	Name Display Services
	RVQ	Remote Virtual Queuing
		RCAP is prompted until only <cr> is entered in response. Precede a value with X to remove.
		ND1 and ND2 are used with Network Call Party Name Display or NCPND. Both ends must have NCPND.
		ND1 requires Release 13 and later. ND2 requires Release 17 and later; or SL-100, DMS with BCS32 and later. RVQ requires Remote Virtual Queuing (ORC_RVQ) package 192.

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Prompt	Response	Comment																								
	TAT	Invoke Trunk Anti-Tromboning operation if the far-end switch also supports this feature. TAT may be input if : TAT package is equipped, CTYP = MSDL, IFC = D100, SL1, S100 or D250.																								
RCVP	(NO) YES	Auto-recovery to primary D-channel option. RCVP is supported on SL-1 to SL-1 connections only. When RCVP = YES, the primary D-channel is automatically forced to be the active channel after it is brought up from a released state. This option must be coordinated with the far end. Both sides must be either YES or NO. If the two sides do not match, both sides default to NO. When IFC $\neq$ SL-1, RCVP changes to NO. For Backup DCH only.																								
REQ	CHG END	Request: Change existing data block Request: Exit overlay program																								
RLS	xx	Release ID of the switch at the far-end of the D-channel. This is the software release at the far-end. If the far-end has an incompatible release, it prevents the sending of application messages. X27 software has the same protocol as X11 Rlse 22, therefore the the RLS should be set to 22 when connecting to a switch equipped with X27. Shown below is the relationship between the ISDN application, equipment and the Release ID X11 or BCS at the far-end. <table><thead><tr><th><u>Application</u></th><th><u>Far-End</u></th><th><u>Minimum RLS</u></th></tr></thead><tbody><tr><td rowspan="3">Network Ring Again</td><td>SL-1</td><td>12</td></tr><tr><td>SL-100</td><td>26</td></tr><tr><td>DMS-100/250</td><td>26</td></tr><tr><td rowspan="2">Network ACD</td><td>SL-1</td><td>15</td></tr><tr><td>SL-100</td><td>29</td></tr><tr><td colspan="2">Network Message Service - Message Center</td><td></td></tr><tr><td></td><td>SL-1</td><td>15</td></tr><tr><td colspan="2">Network Message Service - Meridian Mail</td><td></td></tr></tbody></table>	<u>Application</u>	<u>Far-End</u>	<u>Minimum RLS</u>	Network Ring Again	SL-1	12	SL-100	26	DMS-100/250	26	Network ACD	SL-1	15	SL-100	29	Network Message Service - Message Center				SL-1	15	Network Message Service - Meridian Mail		
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Prompt	Response	Comment
		SL-1 16 Message Waiting Indication Interworking with DMS-100 SL-1 19 DMS-100 36 The Release ID information is required and supported for connection to Northern Telecom equipment only. For connections to AT&T ESS#4 and ESS#5, set RLS = 1.
ROLR	(0)-63	Receive Objective Loudness Rating The default is 0, indicating no change to the default +45 dB. The number entered in this field corresponds to an offset value. The offsets and their corresponding values are provided on page 285. The ROLR value is downloaded to Meridian Modular telephones after sysload except when performing parallel reload. Refer to the Summary of Transmission Parameters NTP and the International Loss and Level Plan planning and engineering NTP before changing these values.
RXMT	1-(5)-20	Retransmission Threshold Enter in units of 5 per cent. RXMT is the % of retransmissions allowed in 15 minutes before out of service is enforced, or: $RXMT = (\text{\# of packets retransmitted}) \div (\text{total \# packets sent})$
SATN	I s c u	TN of SADM/Data Line Card associated with IND CSL. For SL-1 telephone with CLS = CMSA.
SBA_ADM_INS	0-(2)-64	Maximum Administrator and/or Installer Log Ins allowed at one time.
SBA_USER	0-(50)-250	Maximum User Log Ins allowed at one time.
SECU	(NO) YES	Security for Meridian Link applications When set to NO, the host computer must specify both the TN and DN of the associate set in connect, answer and release messages. Prompted when the Integrated Services Digital Network Application Module Link for Third Party Vendors (IAP3P) package 153 is equipped for ISDN/AP Third Party.

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Prompt	Response	Comment
	4	sidetone disabled The default is 0, indicating no change to the default +45 dB. The number entered in this field corresponds to an offset value. The default value is 1 (12 dB). The recommended North American value for all releases is 1 (12 dB). Does not apply to M2216.
SSUP	(NO) YES	Senior Supervisor Device assigned used by senior supervisor/load manager. Cannot be YES if prompt APRT is YES.
STOP	(1)-1X5-2	Number of stop bits To enter 1.5, use 1X5. (Options 51C, 61C, 81 and 81C do not support 1.5). Prompted for asynchronous ESDI ports.
SUPPRESS	0-(5)-127	Alarm occurrence threshold (prior to suppressing) This determines the number of times an alarm may occur before it is no longer output. Entering 0 indicates that all alarm occurrences are output (no suppression)
SYNC	(NO) YES	Asynchronous mode of operation for ESDI port Synchronous mode of operation for ESDI port
T1	2-(4)-20	Retransmission Timer Range in units of 0.5 seconds, (4) = two seconds
T1TE	(0)-2	T1 transmit equalization; 0 = 0-200 ft, 1 = 200-400 ft, 2 = 400-700 ft
T2	0-(10)-255	Maximum Time allowed without a frame being exchanged.
T200	2-(3)-40	Retransmission Timer Entry is in units of 0.5 seconds.
T203	2-(10)-40	Maximum Time allowed without frames being exchanged Prior to Release 18.30H the default was 5 seconds, (.5 second units). With Release 18.30H and later the default is 10 seconds, (1 second units).
T23	1-(20)-31	Interface guard Timer or DCHI only This timer checks how long the interface takes to respond. Entry is in units of 0.5 seconds.

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Prompt	Response	Comment
T3	2-(5)-255	Timer for initial link setup in units of 0.5 seconds for ESDI only.
T310	10-(30)-60 110-(120)	Timer used to determine how long SL-1 can wait for the response message when the QSIG outgoing call is in the U3 (outgoing call processing) state. Timer range prior to Release 22. Default = 30 seconds for QSIG. Timer range for Release 22. This range applies to PRI, PRI2, and BRI trunks in Release 22.
TDS	0, 2, 4...158	Tone and Digit Switch (TDS or Fast TDS service loop) Use even-numbered loops for Tone and Digit Switch (TDS). Precede with X to remove. Note: For Option 11C, all XTD/DTR units must be removed from the SSC card (card 0) before TDS 0 can be removed.
TEN	xxx ALL <cr>	Tenant to be accessible by way of PWnn All Tenants allowed No change to previous definitions. Precede with X to remove.
TIMR	(NO) YES	Change protocol timer value
TMRK	96, (128)	Length of cadence increments in ms Refer to the Flexible Tone and Digit Switch cards NTP. See CLN prompt in LD 56.
TODR	0-23	Time Of Daily Routines
TOLR	(0)-63	Transmit Objective Loudness Rating The default is 0, indicating no change to the default +45 dB. The number entered in this field corresponds to an offset value. The offsets and their corresponding values are provided on page 285. The TOLR value is downloaded to Meridian Modular telephones after sysload except when performing parallel reload. Refer to the Summary of Transmission Parameters NTP and the International Loss and Level Plan planning and engineering NTP before changing these values.
TPO	(NO) YES	Do not enable Traffic Period option Enable Traffic Period option

Prompt	Response	Comment
TRIGGER	a...a	Trigger string for alarm tables The trigger string can be up to 10 alphanumeric characters. At least one character must be alphabetic (a-z). Plus sign (+) can be used to indicate the "wild card" entry. For example, BUG++++ includes all BUG system messages. The mnemonics supported for this prompt are lists at the beginning of this overlay. A value must be entered; <CR> is not accepted
TRNS	(NONE) HELP BOTH	Selects which messages are going to be translated Help and Option 81 specific system messages are printed in English version Help is printed in translated version and Option 81 specific system messages in English Help and Option 81 specific system messages are printed in translated version
TRSH	0-15	Threshold Digital Trunk Interface Threshold set defined in LD 73.
TSO	(NO) YES	Do not enable Trunk Period option Enable Trunk Period option
TTY	0-15	Pre-defined MSDL-SDI terminal number Prompted if ADAN = STA
TTYLOG	0-65534	Log buffer size When 0 is entered, there is no log file
TYPE		Type of data block
	ADAN	All input/output devices (includes D-channels)
	ALARM	Alarm filter configuration data When TYPE = ALARM, the system automatically prints out the current alarm and exception filters Must have Alarm Filtering (ALRM_FILTER) package 243.
	ATRN	Aries Transmission
	CEQU	Common Equipment parameters
	CFN	Configuration data block
	OVLY	Overlay area options
	PARM	System Parameters
	PWD	System Password and Limited Access to Overlay Password

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Prompt	Response	Comment
USER		When entering yes, the PWD2 is prompted unless LAPW is used and Multi-User Log In is enabled.
	VAS	Value Added Server
		Output message types
		When ADAN = HST, users may be BUG, MCT, MTC, SCH and TRF. Prompted when ADAN is PRT, TTY or, HST.
	ACD	Automatic Call Distribution printer for reports
	ADM	Administrator SBA access level to be stored in the histroy file. Precede with X to remove.
	BUG	Software error
	CMS	Command and Status Link Port must be defined as a synchronous ESDI
	CSC	Customer Service Changes: Automatic Set Relocation
	CTY	CDR TTY port to output CDR records
	FIL	This is a special response which applies to Alarm Filtering message output. When a port is assigned this User type, only Alarm Filtered messages will be output. The messages listed at the TRIGGER prompt are the messages that appear for this user type. When AF_STATUS = OFF, no system messages are output to the port with FIL type. The output appears as shown below. The field definitions follow. <severity> <report id> <time> <date> <sequence number> <event> <tab> Operator data: <data> <tab> Expert data: <data>

Prompt	Response	Comment
		Where: <u>severity</u>: • **** = Critical • *** = Major • ** = Minor • blank = None <u>report id</u>: The system message character string (BUG1234, ERR5683, etc.) <u>time</u>: hh:mm:ss <u>date</u>: dd/mm/yy <u>sequence number</u>: The sequence the message appears. The range is 0-65535, and the numbers are right justified. Meridian 1 and auxiliary processor messages have separate sequence numbers. <u>event</u>: This indicates the type of event that is being output: MSG (message), SET (set alarm), CLR (clear alarm). <u>tab</u>: 6 character indent <u>Operator data</u>: This contains additional information to help clear the fault. This field contains the additional message information (TN, loop number, etc.) that the message contains. Up to 30 characters will appear. <u>Expert data</u>: This field may not always appear. It contains system expert information.
HSL		ACD/D High-Speed AUX link
INS		Installer SBA access level to be stored in the history file. Precede with X to remove.
LSL		ACD/D Low-Speed AUX link.
MCT		Malicious Call Trace TTY port along with other users
MTC		Maintenance includes AUD, BUG and ERR if enabled by prompt ERRM in PARM. Use MTC for the system monitor or XSM.
NOO		No Overlay allowed

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Prompt	Response	Comment
	SCH	Service Change or any data base change
	TRF	Traffic
	USR	User SBA access level to be stored in the history file. Precede with X to remove.
USR		User. Precede any of the following with X to remove.
	PRI	Primary Rate Interface. D-channel for ISDN PRA only.
VAS	NEW CHG OUT <cr>	New Value Added Server Change Value Added Server Remove Value Added Server End VAS prompting sequence
VOLR	(NO) YES	Handset Volume Reset To have handset volume reset whenever the user hangs up or uses handsfree, set VOLR = YES.
VSID	0-15	VAS Identifier Identifier for the VAS providing the services, this includes IS, Data Services, Voice Messaging, Alpha terminals. The value entered here is associated with the value which may be entered at the EAML prompt. By responding to VSID, you are preparing to associate a link with a Value Added Server ID to allow message transmission.
VTRO	(NO) YES	Trunk Route Optimization before answer available over this D-channel for VNS. VTRO will be prompted if: 1. Advanced Network Services (NTWK) package 148 <i>is</i> equipped 2. Trunk Anti-Tromboning (TAT) package 293 <i>is not</i> equipped 3. VCRD = YES

Prompt	Response	Comment
XCT	0	Extended Conference/TDS/MFS Loop number for Conference/TDS/MFS card. You may configure more than 16 conference loops; however, enabling more than 16 conference loops may cause the system to lock-up. In multigroup systems (such as SL-1 XT and Option 71 systems) the NT8D17 should not be configured in loop 0/1.
XNUM	(1)-4	Number of retransmissions per message for PMSI. If XTMR = 0, this prompt does not appear.
XSM	(NO) YES	Extended System Monitor This is the SDI port for the Extended System Monitor. Prompt USER must be set to MTC (maintenance messages) for the system monitor port. Only one port can be XMS = YES.
XTMR	(0)- 6	PMS acknowledgment time (the time measured in seconds to wait for the acknowledgment message from the PMS) Where : 0 = no retransmission.
YALM	(FDL) DG2	Yellow Alarm Method Prompted only if the frame format is ESF. If YALM is not prompted, DG2 was set automatically. If YALM is prompted the response varies between countries. Release 19 and later, the default is FDL when the frame format is ESF. When the frame format is D2, D3, or D4, the default is DG2.

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LD 18—Speed/Group Call, Pretranslation, and Hotline

This overlay allows data for Speed Call, System Speed Call, Group Call, Pretranslation, and Enhanced Hotline to be created or modified. The data may be printed using Overlay 20.

The Pretranslation List configuration now takes place in this program. To enable the Pretranslation feature in LD 15, the list must be configured here using the XLAT prompt.

Prompts and responses

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Configure Speed Call lists	page 327
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Move from one group or list to another	page 329

Compute Speed Call list memory size and disk records

Use this prompt sequence to determine if there are enough memory and disk records for new Speed Call and Hot Line lists. Compare the output with the “MEM AVAIL” and “DISK RECS AVAIL” values output before the REQ prompt. See also “System memory and disk space” at the beginning of this document.

Prompt	Response	Comment
REQ	COMP	Request = COMP (Compute disk and memory required for new lists)
TYPE	aaa	Type of data block, where: aaa = SCL, SSC or HTL (Speed Call, System Speed Call or Hot Line estimation)
NOLS	1-8191	Number of lists to be added
DNSZ	4-(16)-31	Maximum length of DNs allowed for new lists
SIZE	1-1000	Maximum number of DNs allowed in new lists

Configure Group Call lists

Prompt	Response	Comment
REQ	aaa	Request (REQ responses begin on page 331)
TYPE	GRP	Type of data block = GRP (Group Call list)
CUST	0-99	Customer number associated with this data block
GRNO	0-63	Group number for group call
GRPC	(YES) NO	Allow or deny group call control to the originator
STOR	xxx yyy...y	Entry number (0-19) and the digits stored with it

Configure Speed Call lists

Prompt	Response	Comment
REQ	aaa	Request (REQ responses begin on page 331)
TYPE	aaa	Type of data block, where aaa = SCL or SSC (Speed Call list or System Speed Call list)
LSNO	0-8190	List Number for Speed Call (SCL)
	0-4095	List Number for System Speed Call (SSC)
TOLS	0-8190	To List (New speed call list number)
NCOS	(0)-99	Network Class of Service for SSC
DNSZ	4-(16)-31	Maximum number of DNs allowed for Speed Call lists
SIZE	1-1000	Maximum number of DNs in Speed Call list
WRT	(YES) NO	Data is correct and can be updated in the data store
STOR	xxx yyy...y	Entry number (0-999) and the digits stored with it
WRT	(YES) NO	Data is correct and can be updated in the data store

Assign a Pretranslation group to Speed Call list

Prompt	Response	Comment
REQ	aaa	Request (REQ responses begin on page 331)
TYPE	PRE	Type of data block = Pretranslation calling group assignment
CUST	0-99	Customer number
XLAT	0-254 0-8191	Pretranslation list (Calling group to Speed Call list correlation)
	0-254 8191	If list number 8191 is assigned to a group then pretranslation is removed for that group

Configure Enhanced Hot Line lists

Prompt	Response	Comment
REQ	aaa	Request (REQ responses begin on page 331)
TYPE	HTL	Type of data block = Hot Line list
CUST	0-99	Customer number
LSNO	0-8190	List Number for Hotline (one for customer)
NCOS	0-4095	Network Class of Service for HTL
DNSZ	4-(16)-31	Maximum number of DNs allowed for Hot Line list
SIZE	1-1000	Maximum number of DNs in Hot Line list
WRT	(YES) NO	Data is correct and can be updated in the data store
STOR	xxx yyy...y	Entry number (0-999) and the digits stored with it
WRT	(YES) NO	Data is correct and can be updated in the data store

Move from one group or list to another

Prompt	Response	Comment
REQ	MOV	Request = MOV
TYPE	aaa	Group or List Type (aaa = GHT, GRP, SCL, SSC, or SSL)
CUST	0-99	Customer number
LSNO	xxxx	List Number
TOLS	0-254	To List
GRNO	xx	Group Number
TOGR	0-63	To Group

Alphabetical list of prompts

Prompt	Response	Comment
CUST	xx	Customer number associated with this function as defined in LD 15 Prompted when REQ = NEW or CHG and LSNO = <cr>
DNSZ	4-(16)-31	Directory Number Size Maximum length of DN allowed for Speed Call list or Group Hunt list. Range is 4, 8, 12, 16, 20, 24, 28, 31. For Speed Calling the default = 16. Numbers between 1 and 30 are rounded up to the next valid number. Once defined DNSZ should not be changed. Instead, print out the list, remove it with REQ = OUT and rebuild the list with the new DNSZ.
GRNO	0-63	Group Number for group call
GRP	0 - 4095 <CR> X	Ringin Number Pickup Group (RNPG) using this speed call list. Repeat for all groups sharing the same list. To reprompt "LSNO" To remove
GRPC	(YES) NO	Group Call originator does have control Group Call originator does not have control If GRPC = YES in the Group Call List, the originator has control : when the originator goes on hook, the call is terminated. If GRPC = NO and the originator goes on hook, the Group Call acts like a conference call : the call remains active until all members go on hook.
LSNO	0-254 0-4095 0-8190 <cr>	List Number for Speed Call, System Speed Call, Group Hunting and Hotline Range for Release 13 and earlier System Speed Call and Hot Line lists for Release 14 and later A Speed Call list associated with Call Pickup network wide groups. to end Use only when REQ = CHG and TYPE = GHT. List numbers exceeding four digits will have the left most digits truncated, and only the right most digits will be accepted. A Hot Line list uses a System Speed Call list entry, only one Hot Line list is allowed per customer. MSCL must be defined in LD 17.

Prompt	Response	Comment
NCOS	(0)-3 (0)-7 (0)-15 (0)-99	Network Class of Service CDP NFCR or BARS NARS Release 13 and later Prompted when TYPE = SSC or HTL.
NOLS	1-8191	Number of lists to be added. Prompted if REQ = COMP
REQ		Request
	CHG	Change existing data block
	COMP	Compute memory and disk requirements for new Speed Call, System Speed Call or Hot Line lists for Release 17.
	CPY xxx	Copy speed call data. Where: xxx = 1-100. For Release 19 and later, the ability to copy multiple Speed Call and System Speed Call lists is supported.
	END	Exit overlay program
	MOV	Move data block from one group or list to another.
	NEW xxx	Add new data block. Where: xxx = 1-100. Release 19 and later support the ability to create multiple speed Call and System Speed Call lists.
	OUT	Remove data block.
SIZE	1-1000 1-96	Maximum number of DN's in Speed Call or Hot Line lists Maximum number of DN's in Group Hunt list Once defined, SIZE should not be changed. Instead, print out the list in LD 20, remove it with REQ = OUT and rebuild the list with the new SIZE. SIZE is not prompted for TYPE = GRP or PRE.
STOR	xxx yyy ... y	Store For TYPE = SCL, SSC, or HTL the input format is entry number and digits stored against it. Where: • xxx = list entry number from 000 to 999 • yyy ... y = digits stored with each list entry number xxx

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Prompt	Response	Comment
	xx yyyy	For TYPE = GRP the input format is member number and member DN. Where: • xx = member number (00-19) • yyyy = member DN If the Directory Number Expansion (DNXP) package is equipped, up to seven digits are allowed; otherwise, only four digits can be entered.
	xx yy	For TYPE = GHT the input format is Group Hunt entry and digits stored against it. Where: • xx = GHT entry number from 00 to 95 • yyyy = digits stored
	<cr>	Stop STOR prompt For Speed Call, System Speed Call or Hot Line the member number must conform with SIZE and the number of digits must conform to prompt DNSZ. Digits may include “*” and “#” if the Outpulsing, asterisk and octothorpe (OPAO) package 104 is equipped.
	xxx <space> <cr>	Remove entry
TOGR	0-63	To Group New group call group number.
TOLS	0-254	To List New speed call list number.
	0-8190	Release 13 and later
TYPE		Type of data block
	CPNW	Call Pickup Network Wide data
	GRP	Group call data block
	HTL	Hot Line data block
	PRE	Pretranslation data block
	SCL	Speed Call List or pretranslation data block
	SSC	System Speed Call data block

Prompt	Response	Comment
WRT	(YES) NO	Write Data is correct and can be updated in data store. The Prompt WRT follows prompts SIZE and STOR asking you to confirm the correctness of the data just entered. If data is correct, enter "YES" or <cr>. A response of "NO" causes the data just entered to be ignored and SCH3213 is output. A response of "*****" aborts the program. Only the last STOR value is lost. All previous values to which WRT was "YES" or <cr> are saved. Release 17 and later, the following information is output with the WRT prompt: ADDs: MEM: xxxxx DISK: yy.y Where: • xxxxx = the amount of protected memory • yy.y = the number of disks records required for the new Speed Call list Check the "MEM AVAIL" and "DISK RECS AVAIL" output values before the REQ prompt. See also "System memory and disk space" at the beginning of this document.
XLAT	xxx yyyy	• Calling group number to translation Speed Call list number correlation, where:xxx = Pretranslation group number, 0-254 • xxx = Group 0 is used for trunks. • xxx = Group 1 is used for attendant consoles. • xxx = Groups 2-254 can be used for other calling groups. • yyyy = List number to be used for Pretranslation, 0-8191. 8191 is used to remove the group from pretranslation.
	<cr>	End the prompt group.

LD 18

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Issued:	November 1997
Status:	Standard

LD 19—Code Restriction

Overlay program 19 allows data for code restrictions to be created or modified.

Code Restriction is used to control the digits that can be dialed on a COT or FEX trunk route by a Toll Denied (TLD), Conditionally Toll Denied (CTD) or Conditionally Unrestricted (CUN) Class of Service telephone. See also New Flexible Code Restriction in LD 49.

Prompts and responses

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ANI: Automatic Number Identification data block

Prompt	Response	Comment
REQ	aaa	Request
TYPE	ANI	Type of data block = ANI (Automatic Number Identification)
ANII	0-31	ANI Data Block Index
ANIT	xxx	Invalid ANI treatment
NPA	200- 999	First 3 ANI digits in NPA format
3ANI	xxx	3 Digit ANI (denied) allowed
SLV3	NXX	Number of digits for screening
NXX	xxx yyy	Range of end-office numbers
SLV6	xxx	Number of digits for screening
- SUB	xxxx yyyy	Range of subscriber numbers

CRB: Code Restriction data block

Prompt	Response	Comment
REQ	aaa	Request
TYPE	CRB	Type of data block = CRB (Code Restriction)
NCOS	0-99	NCOS value for subscribers
CUST	xx	Customer number associated with this data block
ROUT	0-511	Route number
TORT	0-511	To Route
CLR	aaaa	Codes (aaaa = DENY or ALLOW)
ALLOW	200-999 ... 200-999	NXX, NPA codes allowed
DENY	200-999 ... 200-999	NXX, NPA codes denied

Alphabetical list of prompts

Prompt	Response	Comment
3ANI	(DENY) NCOS xx	3 Digit ANI denied Apply invalid ANI treatment 3 Digit ANI allowed Use this NCOS value (0-99)
ADFT	(OVF) RAN nnn DN nnn . . . nnn	Intercept Treatment for Invalid Address format
ALLOW	200-999 ... 200-999 <cr>	NXX, NPA codes Allowed Proceed to next prompt Prompted when CLR = DENY or <cr>.
ANII	0-31	ANI Data Block Index When ANII = 0, there is no ANI screening; 1-31 is the ANI block index number.
ANIT	(OVF) RAN xxx DN xxxx NCOS xx	Invalid ANI treatment Overflow tone RAN route (0-511) Internal or external DN (1-16 digits) Network Class of Service value (0-99)
CCAN	aaa (YES) aaa NO	Call Categories on calls to Carrier, and ANI screening provided. Call Categories on calls to Carrier, and ANI screening not provided.
		aaa can be any of the following:
	NAM NA0	1 + (inside World Zone 1) 0 + (inside World Zone 1)* (see note below)
	INT IN0	1 + (outside World Zone 1) 0 + (outside World Zone 1)* (see note below)
	OPR	0 - calls
	SAM SAX SA0	1 + (Embodied SAC) 1 + (External SAC) 0 + (External SAC)* (see note below)
	CUT	Cut-Through

Prompt	Response	Comment
	(ALL)	All call types (Default when REQ = NEW) Note: aaa entries marked with the symbol * use zero; not the letter O. If the letter is entered in place of the number zero, no error appears. However, NAM and SAM will be overridden.
CCLS	IC INC CONS	Inter-Exchange Carrier Class International Carrier Class Consolidated Carrier Class
CDAN	(NO) YES	ANI Digits in CDR Records
CIC	0000-9999	Carrier ID. Response must be three or four digits.
CLR	DENY	Denied codes. If CLR = DENY all NPA/NXX codes are denied except those entered in response to prompt ALLOW (only ALLOW is prompted).
	ALLOW	Allowed codes. If CLR = ALLOW all NPA/NXX codes are allowed except those entered in response to prompt DENY (only DENY is prompted).
	<cr>	Proceed to next prompt when REQ = CHG When changing a CRB, if CLR = <cr> then both ALLOW and DENY are prompted. For a new CRB, CLR must = ALLOW or DENY.
CPAR	(NO) YES	Call Processing Parameters
CUST	xx	Customer number associated with this data block as defined in LD 15
DENY	200-999 ... 200-999 <cr>	NXX, NPA codes Denied Proceed to next prompt Prompted when CLR = ALLOW or <cr>.
DGTO	128-(640)-5000	Interdigits timeout The maximum time between two digits within the same field, in multiples of 128 milliseconds. 5000 rounds down to 4992.
ENBL	1-(12)-30	Long Enbloc dialing timeout Before initial string is complete on outgoing calls.

LD 19

Prompt	Response	Comment
ENBS	1-(5)-30	Short Enbloc dialing timeout After initial string is complete on outgoing calls.
FGNO	0-127	Feature Group D block number The system automatically assigns FGNO numbers in sequential order when REQ = NEW.
IFTO	2-(120)-254	Inter-field FGD Timeout in increments of 2 seconds The maximum time between two fields on incoming calls (in seconds).
IIT	(OVF) RAN nnn DN nnn . . . nnn	Intercept Treatment for Invalid IIs. Where: • OVF = Overflow tone • RAN nnn = RAN route • DN nnn . . . nnn = Network or local DN
IITP	xx yyyy zz	Valid II, II Type, and NCOS for ANI screening bypass. Where: xx = II in range 00-99 yyyy = one of the following II types: • REGU = Regular • 4A8P = 4 or 8 party • HOTL = Hotel/Motel • CLES = Coinless • TST3 = Test 3 • AIOD = Automatic Identification of Outward Dialing • COIN = Coin • TST7 = Test 7 zz = optional NCOS number defining ANI screening bypass (00-99)

Prompt	Response	Comment																											
		When ITP = <CR> and REQ = NEW, the following shows the default arrangement. International codes (12-19) are left undefined.																											
		<table> <tr> <td><u>xx</u></td><td><u>yyy</u></td><td><u>zz</u></td></tr> <tr> <td>00</td><td>REGU</td><td>no</td></tr> <tr> <td>01</td><td>4A8P</td><td>no</td></tr> <tr> <td>06</td><td>HOTL</td><td>no</td></tr> <tr> <td>07</td><td>CLES</td><td>no</td></tr> <tr> <td>10</td><td>TST3</td><td>no</td></tr> <tr> <td>20</td><td>AIOD</td><td>no</td></tr> <tr> <td>27</td><td>COIN</td><td>no</td></tr> <tr> <td>95</td><td>ST7</td><td>no</td></tr> </table>	<u>xx</u>	<u>yyy</u>	<u>zz</u>	00	REGU	no	01	4A8P	no	06	HOTL	no	07	CLES	no	10	TST3	no	20	AIOD	no	27	COIN	no	95	ST7	no
<u>xx</u>	<u>yyy</u>	<u>zz</u>																											
00	REGU	no																											
01	4A8P	no																											
06	HOTL	no																											
07	CLES	no																											
10	TST3	no																											
20	AIOD	no																											
27	COIN	no																											
95	ST7	no																											
INIT	(NO) YES	Length of Initial String																											
INTR	(NO) YES	Intercept Treatment																											
LAAC	AC1, AC2	Local Area Access Code Prompted with Network Alternate Route Selection (NARS) package 58.																											
LDAC	AC1, AC2	Long Distance Access Code Prompted with Network Alternate Route Selection (NARS) package 58.																											
MONT	0-(256)-2048	Minimum On-hook Time The minimum amount of time between acknowledgment wink and answer off-hook signal, in multiples of 128 milliseconds.																											
NCOS	0-99	NCOS value for subscribers Reprompts current level NPA, NXX, or SUB.																											
NPA	100-999 200-999	First 3 ANI digits in NPA format; prior to Release 19 First 3 ANI digits in NPA format; Release 19 and later. Only 3 digits are allowed, even when using 1+ dialing. NPA accepts only 3 digits for NPA even if 1 + dialing is in use.																											
	<cr>	Return to REQ																											

LD 19

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Prompt	Response	Comment
NXX	xxx yyy	Range of end office numbers Prompted if SLV3 = NXX. Where: • xxx = starting or only NXX • yyy = ending NXX (optional)
	<cr>	Reprompts NPA
OPER	DN nnn. . . nnn RAN nnn	Treatment for 0+, 0- calls. Where: • DN nnn . . . nnn = 1-16 digit network or local DN • RAN nnn = RAN route (0-511)
OVLP	(YES) NO	Overlapped outpulsing by Local Exchange Carrier (LEC)
PRES	(YES) NO	Presubscription
PRTD	(NO) ALL REJ	Printout Control for Invalid II or ANI Digits No printout Printout for all invalid ANI and II digits Printout all invalid II digits. Printout invalid ANI when not mapped to NCOS.
REQ		Request
	CHG END MOV NEW OUT PRT	Change the existing data block Exit overlay program Move data block to a new route Add new data block to the system Remove the data block Print FGD or ANI data block
ROUT	0-511	Route number
SAC	xxx xxx xxx . . . xxx	Service Access Codes. Default codes: 700, 800, 900, 601.
SHAN	(NO) YES	Show ANI Digits on Terminal Displays
SLV3	NXX NCOS xx	Number of digits for screening 6 or 10 digit screening. NXX prompt follows. NCOS xx = 3 digit screening (0-99), all NPA map to NCOS value, NPA is reprompted.

Prompt	Response	Comment
SLV6	SUB	10 digit screening level, SUB prompt appears next. Not allowed if an ending NXX level (yyy) was entered at NXX prompt.
	NCOS xx	6 digit screening level, reprompts NXX. All XXXX numbers under the NPA map to NCOS value (0-99)
SUB	xxxx yyyy	Range of subscriber numbers. Where: • xxxx = starting or only subscriber number • yyyy = ending subscriber number (optional)
TORT	0-511	To Route New route number TORT is prompted when REQ = MOV.
TYPE	ANI CRB FDGB	Type of data block ANI screening data block (for Feature Group D) Code Restriction data Block Feature Group D data Block

LD 19

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LD 20 to 22—Print Reports Guide

This module documents only those print reports which can be obtained in LDs 20, 21, and 22. In the Alphabetical list of many other Administration Overlays, you can find print options at the REQ and TYPE prompts.

To obtain a list of telephones which have particular features, refer to LD 81. Consult LD 93 to print data for Attendant Console groups. Consult LD 95 to print information for the Call Party Name Display (CPND) data block.

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Password (PWD) data	22	391
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Ldf 20—Print Routine 1

Overlay program 20 allows data to be printed for the following blocks:

- all hunting
- group calls
- speed calls
- template data blocks
- terminal numbers
- pre-translation

Templates

Templates store telephone information in system memory. Telephones with the same configuration of keys and Class of Service share the same template. This makes efficient use of Protected Data Store. Template Audit (LD 1) is used to remove unused templates.

When printing the TN block, “MARF” is output next to a DN appearance if it is the MARF TN for that DN. When printing the DN block, “MARF” is output prior to the DES if it is the MARF TN. Refer to the features and services for an explanation of the MARF feature.

The security password may be required to print telephone and TN information. The password (SPWD) is required if the Station Security Authcode package (229) is equipped and the password is defined.

LDs 10, 11, 20 and 32 are linked thus eliminating the need to exit one Overlay and enter another. Once one of the above Overlays has been loaded it is possible to add, print and get the status of a set without having to exit one Overlay and load another. The input processing has also been enhanced. Prompts ending with a colon (:) allow the user to enter either:

- 1 a question mark (?) followed by a carriage return (<cr>) to get a list of valid responses to that prompt, or
 - 2 an abbreviated response, the system then responds with the nearest match. If there is more than one possible match the system responds with SCH0099 and the input followed by a question mark and a list of possible responses. The user can then enter the valid response.
-

Prompts and responses

Prompt	Response	Comment
REQ:	a...a	Request (REQ responses begin on page 367)
TYPE:	a...a	Type of data block (Type responses begin on page 369)
TN	c u	Terminal Number (c u ranges are defined on page 368)
CDEN	aa	Card Density (aa = SD, DD, 4D, or 8D)
CUST	xx xx	Customer number
SPWD	xxxx	Security Password
DN	x...x	Directory Number
DATE	dd mmm yyyy	Date
PAGE	(NO) YES	Data printed on a per-page basis
- ADJUST PAPER THEN <cr>		Adjust Paper so that printing starts at top of sheet
DES	d...d	Designator
NACT	(NO) YES	Next Activity
AACS	NO YES	Application acquired set
SCNO	0-8190	Speed Call list Number
LSNO	0-8190	Speed Call or System Speed Call List Number
RNGE	xxxx yyyy	Range of list entries to be printed, inclusive from first entry number to last entry number.
HTNO	xxxx	Hunt Number
DGRP	0-2045	Dial Intercom Group
DMEM	0-99	Dial Intercom Group (DIG) Member number
FOR	a...a	For telephone type (a...a = 500, 2xxx, or SL1)
GRNO	0-63	Group Call Group Number
INFO	aaa	Information for templates (aaa = FRM, USE, USS, or DEF)
TEM	x...x	Template
EHNO	x...x	External Hunt DN

Alphabetical list of print reports

Analog set (500 & PBX) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	500	500/2500 type analog sets
	PBX	Private branch exchange sets
TN	c u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
CUST	0	Customer number
DATE	dd mmm yyyy	Print data from date specified
	ACT	Print data from last activity
PAGE	(NO) YES	Data printed on a per page basis
DES	d...d	Print all units with DES "d...d"
	d+	Print all units starting with "d"
	<cr>	Disregard DES

Attendant console (2250) data from LD 12

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	2250	M2250 Console
TN	c uc u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
CUST	0	Customer number
DATE	dd mmm yyyy	Print data from date specified
	ACT	Print data from last activity
PAGE	(NO) YES	Data printed on a per page basis

Business Communicaton Set (BCS) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	BCS	Business Communication Sets
TN	c u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
CUST	0	Customer number
DATE	dd mmm yyyy	Print data from date specified
	ACT	Print data from last activity
PAGE	(NO) YES	Data printed on a per page basis
DES	d...d	Print all units with DES "d...d"
	d+	Print all units starting with "d"
	<cr>	Disregard DES

Call Pickup Network Wide (CPNW) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	CPNW	Call Pickup Network Wide data
CUST	0	Customer number

Dial Intercom Group (DIG) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	DIG	Dial Intercom Group
CUST	0	Customer number
DGRP	0-2045	Dial Intercom Group
DMEM	0-99	Dial Intercom Group Member number

Digital set (2000 series, 3000, & Aries) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	2xxx	Meridian 1 proprietary sets. You may enter: 2000, 2003, 2006, 2008, 2009, 2016, 2018, 2112, 2216 or 2616.
	ARIE	Aries (M2006, M2008, M2016S, M2216, or M2616) sets and Meridian Communications Unit (MCU) data blocks
	BCS	Business Communication Set
TN	c u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
CUST	0	Customer number
DATE	dd mmm yyyy	Print data from date specified
	ACT	Print data from last activity
PAGE	(NO) YES	Data printed on a per page basis

Digitone Receiver (DTR) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	DTR	Digitone Receiver data
TN	c u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
DATE	dd mmm yyyy	Print data from date specified
	ACT	Print data from last activity

Directory number (DNB) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	DNB	Directory number data block
CUST	0	Customer number
DN	x...x	Print for Directory Number
DATE	dd mmm yyyy	Print data from the date specified
	ACT	Print data from the last Activity
PAGE	(NO) YES	Data printed on a per-page basis
DES	d...d	Print all units with DES "d...d"
	d+	Print all units starting with "d"
	+	Print units with no DES assignment
	<cr>	Disregard DES
ADJUST PAPER THEN	<cr>	Adjust paper so that printing starts at top of sheet

Directory number (DNB) range data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	DNB	Directory Number block
CUST	0	Customer number
DN	xxxx...xxxx	Up to 8 DNs can be entered
DATE	dd mmm yyyy	Print data from the date specified
	ACT	Print data from the last Activity
PAGE	(NO) YES	Data printed on a per-page basis
DES	d...d	Print all units with DES "d...d"
	d+	Print all units starting with "d"
	+	Print units with no DES assignment
	<cr>	Disregard DES
ADJUST PAPER THEN <cr>		
	<cr>	Adjust paper so that printing starts at top of sheet

Group Call (GRP) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	GRP	Group Call
GRNO	0-63	Group Call Group Number

Hot Line List (HTL) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	HTL	Hot Line List
CUST	0	Customer number
RNGE	xxxx...xxxx	Range of Hot Line list entries (0-1000) to be printed for this customer
	<cr>	Print all entries in the Hot Line list

Hunting (HNT & EHT) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	HNT	Hunting
	EHT	External Hunting
CUST	0	Customer number
HTNO	x...x	Hunt Directory Number
EHNO	x...x	External Hunt Directory Number

Out of Service unit (OOSLT & OOSMLT) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	OOSLT	Single line TNs that are Out-of-Service
	OOSMLT	Multi-line TNs that are Out-of-Service
TN	c u	Terminal Number associated with the unit

Power (PWR) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	PWR	Power data block
TN	c u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
DATE	dd mmm yyyy	Print data from date specified
	ACT	Print data from last activity
PAGE	(NO) YES	Data printed on a per page basis

Pretranslation (PRE) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	PRE	Pretranslation
CUST	0	Customer number

Speed call lists (SCL) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	SCL	Regular and System Speed Call Lists
LSNO	0-8190	List Number for Speed Call or System Speed Call
	<cr>	Print for all lists
RNGE	xxxx xxxx	Range of Speed Call entries (0-1000) to be printed
	<cr>	Print all entries

Tandem Connection (TCON) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	TCON	Tandem Connection for Meridian Packet Handler and PRI connections

Template (TEM) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	TEM	Templates
FOR	aaa	Print template information for telephone type
INFO	FRM	Print key/feature assignment template
	USE	Print number of users of the template
	USS	Print TN using the template
	DEF	Print number of templates defined and the number of templates allowed
TEMP	xxxx	Telephone template number
	<cr>	Print all templates

Terminal Number Block (TNB) data for telephones and trunks

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	TNB	Terminal Number Block
TN	c u,...	Terminal Number (Up to 6 TNs can be entered)
CDEN	SD, DD, 4D, 8D	Card Density
CUST	xx xx	Customer number
SPWD	xxxx	Security Password
TEN	0, 1-511	Tenant
DATE	dd mmm yyyy	Print data from date specified
PAGE	(NO) YES	Date printed on a per page basis
DES	d...d, d+, +	Designator
NACT	(NO) YES, END	Next Activity
AACS	a...a	Application acquired set (a...a = (NO), AGTH, or AGT)
ASID	x...x	Application Service ID
SMCB	1-17	Print set message control bitmap
SMOO	(NO) YES	(Do not set) Set message optimize option

Terminal Number Block (TNB) range data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	TNB	Terminal Number Block
TN	c u-c u	Terminal Number Range

Trunk data: All Trunks

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	TRK	Trunk data block
TN	c u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
CUST	0	Customer number
DATE	dd mmm yyyy	Print data from date specified
	ACT	Print data from last activity
PAGE	(NO) YES	Data printed on a per page basis

Trunk data: Specific Trunk types

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	ADM	Add-on Data Module
	CAA	Common Control Switching Arrangement
	CAM	CAMA trunks
	COT	Central Office trunks
	CSA	Common control switching arrangement access line
	DIC	Dictation trunks
	DID	Direct inward dial trunks
	FEX	Foreign Exchange trunks
	ISA	Integrated services access trunks (ISDN)
	MCU	Meridian Communications Unit
	MDM	Modem/Data Module
	MUS	Music trunks
	CBCT	NI-2 CBC trunk
	PAG	Paging trunks
	RAN	Recorded announcement trunks
	RCD	Recorder trunks
	TIE	TIE trunks
	WAT	Wide Area Telephone service trunks
TN	c u	Terminal Number (card, unit)
CDEN	SD, DD, 4D, 8D	Single, Double, Quad or Octal Density
...		

Unused Card (LUC) data

Prompt	Response	Comment
REQ:	LUC	List Unused Card slots
TN	l s c	Terminal Number (loop, shelf, card)
	l ch	DTI/PRI loop and channel

Unused Directory Number (LUDN) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	LUDN	List Unused Directory Numbers
CUST	0	Customer number
DN	xxxx-xxxx	DN range

Unused Units (LUU) data

Prompt	Response	Comment
REQ:	LUU	List Unused Units
TYPE:		Peripheral equipment requiring TNs:
	500	Single line or analog sets
	2000	Digital sets and M2250 consoles
	DTR	Digitone Receiver
	MCU	Meridian Communications Unit
	TRK	All trunks
	a...a	Any specific trunk type (e.g., COT, DID, FEX, WAT, etc.)
TN	c u	Terminal Number

Unused Voice or Data unit (LUVU or LUDU) data

Prompt	Response	Comment
REQ:	LUVU	List Unused Voice Units
	LUDU	List Unused Data Units
TYPE:		Peripheral equipment requiring TNs:
	500	Single line or analog sets
	2000	Digital sets and M2250 consoles
	DTR	Digitone Receiver
	MCU	Meridian Communications Unit
	TRK	All trunks
	a...a	Any specific trunk type (e.g., COT, DID, FEX, WAT, etc.)
TN	xx...xxxx	Terminal Number

Voice Mailbox (VMB) data

Prompt	Response	Comment
REQ:	PRT	Print
TYPE:	VMB	Voice Mailbox information
CUST	<cr>	Customer number automatically appears. No entry is needed.
DN	xxxx	Print for Directory Number
VMB_STATE	nnnn	Print based on Voice Mailbox State

Alphabetical list of prompts

Prompt	Response	Comment
AACS	NO YES	Application acquired set The TN is not acquired by an application The TN is acquired by an application
ADJUST PAPER THEN <cr>	<cr>	Adjust paper then <cr> to start printing Start printing
ASID	x...x	Application Service ID from which the acquired request originated The ASID is used for sending the monitor/control messages to the application. The ASID value is updated based on the applications's Acquire message for the TN. Since the AML over Ethernet (ELAN) is used to communicate between the Meridian 1 and the application(s), the value of the existing VSID might be used to uniquely identify the application that has acquired this device. ASID is printed if AACS = YES.
CALB	1 2 ...	Call Filter Bitmap CALB applies to messages such as PCI, DN update, etc. This bitmap is downloaded by the application which is used to control the sending of messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding set message is enabled. CALB is printed if AACS = YES.
CDEN	SD DD 4D 8D <cr>	Single Card Density Double Card Density Quadruple Card Density Octal Card Density For all card densities
CUST	xx xx	Customer number Print data range from first to last customer. Not prompted when: 1. REQ = LUU or LUC 2. TYPE = SCL, DIG or TEM 3. a complete TN is entered

Prompt	Response	Comment
	<cr>	Print data blocks for all customers
DATE	dd mmm yyyy	Print data from date specified. Where: • dd = 1-31 • mmm = JAN-DEC • yyyy = year (e.g. 1993)
	<cr>	DATE is prompted for TN related data.
	ACT	Print data and show last activity date. Print data from last activity date.
DES	d...d	Designator
	d+	Print all units with ODAS designator d...d
	+	Print units starting with ODAS designator d
	<cr>	Print units with no ODAS designator assigned
		Disregard ODAS designator
		DES is prompted on TN related data The printing of data is subject to restrictions imposed by responses to TN and DATE.
DGRP	0-254	Dial Intercom Group
	0-2045	DIG numbers per customer (Release 13 and earlier)
	<cr>	Release 14 and later
		Print all Dial Intercom Groups for customer
		DGRP is prompted when TYPE = DIG
DMEM	0	Dial Intercom Group (DIG) Member number
	<cr>	Print all DIG member numbers
DN		Directory Number
	xxxx	Print data block for DN
	<cr>	Print data blocks for all DN
	xxxx <space>	If a space is entered after the Directory Number the system will reprompt for DN. A maximum of six DNs can be stacked and printed at one time.
		With Release 19 and later the following responses are valid for DN:
	x<cr>	All DNs starting with first digit x (X000-X999)
	xx<cr>	All DNs starting with first two digits xx (XX00-XX99)
	xxx<cr>	All DNs starting with first three digits xxx (XXX0-XXX9)

LD 20

Prompt	Response	Comment
	x-<cr>	All DNs between X000-9999
	x-y<cr>	All DNs between DN X000 through Y999
	xx-yyy<cr>	All DNs between DN XX00 through YYYY9
	xxxx xxxx	Two specific DNs. Up to a maximum of 8 DNs.
	xxxx-yyy	All DNs between XXXX and YYYY
EHNO	xxxx	External HUNT DN Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. EHNO is prompted when TYPE = EHT
FOR	500 2xxx SL1	Print template information for telephone type Print data for 500/2500 telephones. Print data for 2000 type telephones (specify type). Print data for SL-1 telephones.
GRNO	0-63 <cr>	Group Call Group Number. Prompted when TYPE = GRP. Print all group call groups.
HTNO	x...x	Hunt Directory Number Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Prompted when TYPE = HNT.
INFO	FRM USE USS DEF	Information for Templates Print key/feature assignment template Print number of users of template Print TN using the template Print number of templates defined and number allowed Prompted when TYPE = TEM
LSNO	0-253 0-4095 0-8190	Speed Call or System Speed Call List Number prior to Release 14 System Speed Call Lists Release 14 and later Speed Call Lists Release 14 and later When inputting list number for printout, non-DN input exceeding 4 digits may be truncated. Only the 4 right-most digits will be accepted, and printed for Release 14 and later.
NACT	(NO) YES END	Next Activity Return to REQ prompt Print current system data and end overlay End overlay activity

Prompt	Response	Comment
PAGE	(NO) YES	Data printed on a per-page basis Prompted only on TN related data
REQ:		Request
	END	Exit overlay program
	LTN	List TN of TYPE specified
	LUC	Print Unused Card data blocks of TYPE specified
	LUDU	List Unused Data Units
	LUU	Print Unused Unit data blocks of TYPE specified
	LUVU	List Unused Voice Units
	PRT	Print data block for the TYPE specified.
		LD 32: CDSP CMIN CONV CPWD DISC DISI DISL DISN DISS DISU DSCT DSPS DSXP ENCT ENLC ENLG ENLL ENLN ENLS ENLU ENPS ENXP IDC IDCS IDU LBSY LDIS LIDL LMNT PBXT SDLC STAT SUPL TRK XNTT XPCT XPEC
		LD 10 or 11: CHG CPY MOV NEW OUT
RNGE	xxxx yyyy	Range of list entries to be printed, inclusive from first entry number to last entry number.
	<cr>	Print All members of a specified SCL or SSC list.
SCNO	0-253	Speed Call list Number
	0-8190	Speed Call list Number - Release 13 and later
	<cr>	Print all lists. Prompted when TYPE = SCL
SFNB	1 2 ...	Set Feature Notification Bitmap SFNB is used for messages such as: SFN (login), SFN (logout), ... This bitmap is downloaded by the application which is used to control the sending of SFN messages on behalf of the acquired TN. A numeric value is printed only if the corresponding message is enabled. SFNB is printed if AACS = YES.

LD 20

Prompt	Response	Comment
SFRB	1 2 ...	Set Feature Route Bitmap SFRB is used for messages such as: SFR (login), SFR (logout), ... This bitmap is downloaded by the application which is used to control the sending of SFR messages on behalf of the acquired TN. A numeric value is printed only if the corresponding message is enabled. SFRB is printed if AACS = YES.
SPWD	xxxx	Security Password. This prompt appears when: 1. the Station Specific Authcode package (229) is equipped 2. the security password is defined in LDs 10 and 11.
TEM	xxxx xxxxxxx <cr>	Template number Template number - Release 13 and later Print data for all templates. Prompted when TYPE = TEM
TEMP	xxxx	Telephone template number. Enter <cr> to print all templates.
TN		Terminal Number
	c u	Print data of the specified TYPE for this card, unit.
	l ch	Print data of the specified TYPE for this loop and channel (format for Digital Trunk and Primary Rate Interfaces).
	<cr>	Print data for all TNs of the specified TYPE.
	c u, c u	List of TNs (up to 6)
	c u, l ch	A TN and a trunk loop/channel can be entered on the same line
	c, c	All units within the specified starting and ending cards
	c u	All units, including the specified starting card and ending TN
	c u cu	All TNs starting with the specified TN and ending with the last TN Not prompted when TYPE = SCL, HNT, DIG, TEM, or GRP

Prompt	Response	Comment
TYPE:		Type of data block
		Note: This load is linked with LDs 10, 11 and 32. LD 20 permits you to enter LD 10 or 11 responses to the TYPE prompt or a command listed in LD 32.
	500	500/2500 telephone
	2006	M2006 Digital telephone
	2008	M2008 Digital telephone
	2009	M2009 Digital telephone
	2016	M2016 Digital telephone
	2018	M2018 Digital telephone
	2112	M2112 Digital telephone
	2216	M2216 Digital telephone (ACD terminal)
	2250	M2250 Console
	2616	M2616 Digital telephone
	ADM	Add-on Data Module Data port interfacing with a data line card
	ARIE	Aries (M2006, M2008, M2016S, M2216 and M2616) sets and Meridian Communications Unit (MCU) data blocks
	CAA	Common Control Switching Arrangement (CCSA) Automatic Number Identification (ANI) trunk data block
	CAM	CAMA trunk data block
	CBCT	NI-2 Call by call trunk data block
	COT	Central Office Trunk (PSTN) data block
	CPNW	Call Pickup Network Wide data
	CSA	Common Control Switching Arrangement access line

LD 20

Prompt	Response	Comment
	DIC	Dictation trunk data block
	DID	Direct Inward Dialing trunk data block
	DIG	Dial Intercom Group
	DNB	Directory Number Block
	DTR	Digitone Receiver
	EHT	External Hunting
	FEX	Foreign Exchange trunk
	GRP	Group call
	HNT	Hunting
	HTL	Hot Line
	LUDN	List Unused Directory Numbers.
	MCA	Meridian Communications Adapter
	MCU	Meridian Communications Unit
	MDM	Modem/Data Module. Data port interfacing with 500/2500 type card
	MUS	Music trunk
	OOSMLT	Out-of-Service Multi-Line Terminal
	OOSSLT	Out-of-Service Single Line Terminal
	PWR	Power data block
	R422	NT7D16 Data Access Card (Release 16 and later) (DAC) port in RS-422 mode data block
	RAN	Recorded Announcement trunk
	RCD	Recorder trunk

Prompt	Response	Comment
	SCL	Regular and System Speed Call Lists
	TEM	Template
	TIE	TIE trunk
	TNB	Terminal Number
	TRK	Trunk data block
	VMB	Voice Mailbox information
	WAT	Wide Area Telephone Service trunk
	<cr>	Print all
USFB	1 2 ...	Unsolicited Status Message (USM) Filter Bitmap USFB applies to messages such as: Onhook, Offhook, Ringing, Active, Disconnect, Unringing, Hold, Restore, Ready, Not Ready, Walkaway, Walkaway Return, Reserved, Unreserved, ... This bitmap is downloaded by the application which is used to control the sending of USM messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding message set is enabled. USFB is printed if AACS = YES.
VMB_STATE	nnnn	Print based on Voice Mailbox State

LD 21—Print Routine 2

Overlay program 21 allows data to be printed for the following:

- customer data blocks
- code restriction data blocks
- route data blocks
- trunks within a route
- associated TN

Set Relocation data

This prints the sets which have “relocated out”, but have not “relocated back in”. With Automatic Set Relocation the set's serial number, NT code, color code, and release are also printed.

Prompts ending with a colon (:) allow the user to enter either

- 1** a question mark (?) followed by a carriage return (<cr>) to get a list of valid responses to that prompt, or
- 2** an abbreviated response, the system then responds with the nearest match. If there is more than one possible match the system responds with SCH0099 and the input followed by a question mark and a list of possible responses. The user can then enter the valid response.

Prompts and responses

Prompt	Response	Comment
REQ	aaa	Request (aaa = END, LTM, or PRT)
TYPE	a...a	Type of data block (TYPE responses begin on page 380)
CUST	xx	Customer number associated with this data block
SIZE	0-4000	CLID entry size
RNGE	aa ... aa	CLID entry or entries to be printed
HOURL	0-23	All routes tested by ATM for this hour
OPR	(NO) YES	Outpulsing Route
ROUT	0-511	Route number
ACOD	x...x	Access Code for route
AACR	(NO) YES	The route (is not)/is acquired by the application
ASID	x...x	Application Service ID from which the aquired request originated

Alphabetical list of print reports

Application Module Link (AML) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	AML	Application Module Link
CUST	0-99	Customer number

Attendant Console (ATT) data from LD 15

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ATT	Attendant consoles
CUST	0	Customer number

Automatic Number Identification (ANI) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ANI	Automatic Number Identification
CUST	0-99	Customer number

Call Detail Recording (CDR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CDR	CDR and Charge Account
CUST	0	Customer number

Call Redirection (RDR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	RDR	Call Redirection options
CUST	0	Customer number

Code Restriction (CRB) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CRB	Code Restriction data
CUST	0	Customer number
ROUT	0-511	Route number to be printed

Controlled Class of Service (CCS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CCS	Controlled Class of Service
CUST	0	Customer number

Customer data block (CDB)

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CDB	Customer data block
		Note: If you need information regarding System Passwords, print PWD_DATA field by itself. PWD_data will not be provided by printing CDB.
CUST	0	Customer number

Features and options (FTR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	FTR	Features and Options
CUST	0	Customer number

Flexible Code Restriction (FCR) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	FCR	New Flexible Code restrictions
CUST	0	Customer number

Flexible Feature Codes (FFC) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	FFC	Flexible Feature Code
CUST	0	Customer number

Integrated Message Service (IMS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	IMS	Integrated Message Service
CUST	0	Customer number

ISDN Signaling Link (ISLL) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ISLL	ISDN Signaling Link trunk TN

Listed Directory Numbers (LDN) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	LDN	Departmental Listed Directory Numbers
CUST	0	Customer number

Multi-Party Operations (MPO) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	MPO	Multi-party options
CUST	0	Customer number

Networking (NET) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	NET	ISDN and ESN networking options
CUST	0	Customer number

Night Service (NIT) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	NIT	Night Service
CUST	0	Customer number

Off Hook Alarm Security (OAS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	OAS	Off-Hook Alarm Security
CUST	0	Customer number

Password (PWD) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	PWD	Customer Related Passwords
CUST	0	Customer number

Recorded Overflow Announcement (ROA) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ROA	Recorded Overflow Announcement options
CUST	0	Customer number

Route Data Block (RDB)

Prompt	Response	Comment
REQ	PRT	Print
TYPE	RDB	Route Data Block
CUST	0	Customer number
ROUT	0-511	Route number to be printed
	<cr>	Print data for all routes
ACOD	xxxx	Route access code

Set Relocation (SRDT) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	SRDT	Recent Set Relocation activity

Test lines (TST) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	TST	Test lines
CUST	0	Customer number

Timers (TIM) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	TIM	Timer options
CUST	0	Customer number

Trunk Members (LTM) data

Prompt	Response	Comment
REQ	LTM	List Trunk members
CUST	0	Customer number
ROUT	0-511	Route number to be printed
ACOD	xxxx	Route Access Code

Alphabetical list of prompts

Prompt	Response	Comment
AACR	(NO) YES	The route is not acquired by the application The route is acquired by the application
ACOD	x...x <cr>	Access Code for route Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Print data for all route access codes This prompt appears when ROUT = <cr>
ASID	x...x	Application Service ID from which the acquired request originated ASID is used for sending route status messages. The ASID value is updated based on the application's Acquire message for the route. Since the AML over Ethernet (ELAN) is used to communicate between the Meridian 1 and other applications, the VSID value might be used to uniquely identify the application which has acquired that device.
CALB	1 2 ...	Call Filter Bitmap CALB applies to messages such as PCI, DN update, etc. This bitmap is downloaded by the application which is used to control the sending of messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding set message is enabled. CALB is printed if AACR = YES.
CUST	xx xx <cr>	Customer number Print data range from first to last customer Not prompted when: • REQ = LUU or LUC • TYPE = SCL, DIG or TEM • a complete TN is entered Print data blocks for all customers
HOURL	0-23 <cr>	All routes tested by ATM for this hour Print routes tested by ATM for all hours
OPR	(NO) YES	Outpulsing Route

LD 21

Prompt	Response	Comment
		This prompt appears when OPOA is equipped. Prompted on TN related data
REQ	END LTM PRT	Request Exit overlay program Print trunk route by TN and member number Print data block for the TYPE specified.
RNGE	aa ... aa	CLID entry to be printed You may print one CLID entry or several CLID entries. If you want to print several CLID entries, separate each entry with a comma. Each CLID entry must be between 0 and the number entered for the prompt SIZE in LD 15.
ROUT	0-127 0-511 <cr>	Route number For machine types NT, RT, XN, XT and system Options 51, 61, and 71 (Release 14 and later). Print data for all routes This prompt appears when TYPE = CRB or RDB
SFNB	1 2 ...	Set Feature Notification Bitmap SFNB is used for messages such as: SFN (login), SFN (logout), ... This bitmap is downloaded by the application which is used to control the sending of SFN messages on behalf of the acquired TN. A numeric value is printed only if the corresponding message is enabled. SFNB is printed if AACR = YES.
SIZE	- - -	CLID entry size. The SIZE prompt and the SIZE value print out automatically after the CUST prompt.
TYPE		Type of data block
	AML_DATA	Application Module Link
	ANI_DATA	Automatic Number Identification numbers
	ATT_DATA	Attendant Data
	CCS_DATA	Controlled Class of Service options

Prompt	Response	Comment
	CDB	Customer Data Block Note: If you need information regarding System Passwords, print PWD_DATA field by itself. PWD_data will not be provided by printing CDB.
	CDR_DATA	Call Detail Recording
	CLID	Calling Line Identification entry data
	CRB	Code Restriction data block
	FCR_DATA	New Flexible Feature code options
	FFC_DATA	Flexible Feature Codes
	FTR_DATA	Feature
	IMS_DATA	Integrated Messaging System
	INT_DATA	Alarm ring for Internal calls
	ISLL	IASL ISDN Signaling Link data block. This prompt appears when REQ = PRT.
	LDN_DATA	Listed Directory Number
	MPO_DATA	Multi-party options
	NET_DATA	ISDN and ESN networking options
	NIT_DATA	Night Service options
	NPID	Numbering Plan Digit or Information Digit table
	OAS_DATA	Off-Hook Alarm Security options
	PWD_DATA	Print the system Passwords (Release 19 and later)
	RDB	Route Data Block A printout of a route with the Night Key for DID Digit Manipulation (NKDM) active will show * opposite the value for DCNO or NDNO.
	RDR_DATA	Call Redirection

LD 21

Prompt	Response	Comment
	ROA_DATA	Recorded Overflow Announcement
	SRDT	Set Relocation Data block
	TIM_DATA	System Speed Call
	TST_DATA	Loop Test trunk data
USFB	1 2 ...	Unsolicited Status Message (USM) Filter Bitmap USFB applies to messages such as: • Onhook, Offhook, Ringing, Active, Disconnect, Unringing, Hold, Restore, Ready, Not Ready, Walkaway, Walkaway Return, Reserved, Unreserved, ... This bitmap is downloaded by the application which is used to control the sending of USM messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding message set is enabled. USFB is printed if AACR = YES.

LD 22—Print Routine 3

Overlay program 22 allows data to be printed for the following:

- Configuration Record
- DN to TN Matrix
- System Password number
- System Loop Limits
- software version
- tape ID
- issue number
- equipped feature packages
- System Incremental Software Management (ISM) parameters

Audit trail for Limited Access to Overlays (LAPW)

You must be logged in with the PWD1 or PWD2 password in order to print the Audit Trail. Printing of the Audit Trail deletes the Audit Trail information and resets the buffer.

Packages equipped

This prompt sequence prints the equipped software packages. The packages are printed in numerical order by package number, accompanied by the mnemonic. In addition, you can get the status of an individual package.

Issue and release

If the system has a “patch”, then a “+” is printed next to the issue number.

Read Only Memory (ROM)

This print option only applies to SL-1 ST and Option 21 systems.
UNKNOWN is output for all other systems.

System limits for Incremental Software Management (ISM)

This prints the ISM limits for TNs, ACD Positions, ACD DNs, AST sets, Application Module Links (AML), D-channels (DCH), ISDN BRI Digital Subscriber Loops (DSL) and LTID.

The output is as follows:

```
ACDN xxxx LEFT xxxx USED xxxx
AGNT xxxx LEFT xxxx USED xxxx
AML xxxx LEFT xxxx USED xxxx
AST xxxx LEFT xxxx USED xxxx
DCH xxxx LEFT xxxx USED xxxx
DSL xxxx LEFT xxxx USED xxxx
LTID xxxx LEFT xxxx USED xxxx
TNS xxxx LEFT xxxx USED xxxx
```

Prompts and responses

Prompt	Response	Comment
REQ	a...a	Request (a..a = END, ISS, ISSP, PRT, PWD, ROM, SLL, SLT, or TLD)
TYPE	a...a	Type of data block (TYPE responses begin on page 395)
PWD2	xxxx	Password 2
CUST	xx	Customer number associated with this data block
DN	xxxx	Print for Directory Number
CUST	xx	Customer number associated with this data block
DN	xxxx	Print for Directory Number
DATE	dd mmm yy	ACT Date
PAGE	(NO) YES	Data printed on a per-page basis
- ADJUST PAPER THEN	<cr>	Adjust paper so that printing starts at top of sheet.
DES	d...d	Designator
NACT	(NO) YES	Next Activity
- VHST	aaa	View History File (aaa = (%ON) or %OFF)

Alphabetical list of print reports

Alarm and Exception Filter (ALARM) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ALARM	Print Filter and Exception tables. Must have Alarm Filtering (AFTR) package 243.

Audit trail (AUDT) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	AUDT	Audit trail. Must be logged in with the PWD1 or PWD2 password. Printing of the Audit trail deletes the Audit trail information and resets the buffer.

Common Equipment (CEQU) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CEQU	Common Equipment data

Configuration Record (CFN) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	CFN	Configuration record

History File (AHST & PHST) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	AHST	Print all of the History File
	PHST	Print the previous History File

History File (VHST) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	VHST	View the History File
VHST	(%ON)	Turn ON display features
	%OFF	Turn OFF display features
	BFIND aaa	Search backward in the History File
	BFIND	Repeats the previous backward search
	DOWN BOT	Moves to the top of the file
	DOWN	Move forward 6 lines in the History File
	FIND aaaa	Search Forward in the history file
	FIND	Repeats the previous forward search
	HELP	List valid responses
	NEXT BOT	Moves to the end of the file
	NEXT x	Move forward x lines in the History File, display all lines in between
	PREV TOP	Moves to the top of the file
	PREV x	Move backward x lines in the History File, display all lines in between
	TRF	View the system traffic log file
	TTYLOG n	View the log file for TTY port n
	UP TOP	Moves to the top of the file
	UP	Move backward 6 lines in the history file

Input/output device (ADAN) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ADAN	All I/O devices
	ADAN AML	Application Modules
	ADAN DCH	D-channel and backup D-channels
	ADAN HST	History Files
	ADAN PRT	System Ports
	ADAN TTY	System Terminals

Integrated Message Service (IMA) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	IMA	IMS Message Attendant
CUST	0-99	Customer number

Issue and Release (ISS)

Prompt	Response	Comment
REQ	ISS	Print Issue and Release

Meridian Modular Telephone (ATRN) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	ATRN	Meridian Modular Telephone transmission parameters

Overlay area (OVLY) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	OVLY	Overlay area information

Package (PKG) information

Prompt	Response	Comment
REQ	PRT	Print
TYPE	PKG	Software Packages
	PKG xxx	Check equipped/restricted status of package number xxx

Password (PWD) data

Prompt	Response	Comment
REQ	PWD	Action Request
PWD2	xxxx	Level 2 Password
	<cr>	Limited Access to Overlays

Password (PWD) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	PWD	Print System Passwords

Peripheral Software Version (PSWV) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	PSWV	Peripheral Software Versions

System Limits (SLT) data

Prompt	Response	Comment
REQ	SLT	Print System Limits

System Parameters (PARM) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	PARM	System Parameters

System Patch (ISSP) data

Prompt	Response	Comment
REQ	ISSP	Print System and Patch Information

Tape ID (TID) data

Prompt	Response	Comment
REQ	TID	Print Tape ID

Value Added Server (VAS) data

Prompt	Response	Comment
REQ	PRT	Print
TYPE	VAS	Print Value Added Server data

Alphabetical list of prompts

Prompt	Response	Comment
ADJUST PAPER THEN	<cr>	Adjust paper then <cr> to start printing
	<cr>	Start printing
CUST	xx	Customer number Not prompted when: 1. REQ = LUU or LUC 2. TYPE = SCL, DIG or TEM 3. a complete TN is entered
	<cr>	Print data blocks for all customers
DATE	dd mmm yyyy	Print data from date specified. Where: • dd = 1-31 • mmm = JAN-DEC • yyyy = year e.g. 1993 DATE is prompted for TN related data
	<cr>	Print data and show last activity date
	ACT	Print data from last activity date
DES		Designator DES is prompted on TN related data The printing of data is subject to restrictions imposed by responses to TN and DATE.
	d...d	Print all units with ODAS designator ddddd
	d+	Print units starting with ODAS designator d
	+	Print units with no ODAS designator assigned
	<cr>	Disregard ODAS designator

Prompt	Response	Comment
DN	xxxx <cr> xxxx <space>	Directory Number Print data block for DN Print data blocks for all DN If a space is entered after the Directory Number the system will reprompt for DN. A maximum of six DN's can be stacked and printed at one time. With Release 19 and later the following responses are valid for DN:
	x<cr> xx<cr> xxx<cr>	All DN's starting with first digit x (X000-X999) All DN's starting with first two digits xx (XX00-XX99) All DN's starting with first three digits xxx (XXX0-XXX9)
	x-<cr> x-y<cr> xx-yyy<cr>	All DN's between X000-9999 All DN's between DN X000 through Y999 All DN's between DN XX00 through YYY9
	xxxx xxxx xxxx-yyy	Two specific DN's. Up to a maximum of 8 DN's. All DN's between XXXX and YYYY
NACT	(NO) YES END	Next Activity Return to REQ prompt Print current system data and end overlay End overlay activity
PAGE	(NO) YES	Data printed on a per-page basis Prompted only on TN related data
PWD2	x...x <cr>	Enter second level administration password (Password 2) to print information relating to all passwords. Valid characters are 0-9, A-Z, a-z. Length is 4-16 characters. To print only the information regarding the Limited Access to Overlay password used to login. PWD2 is prompted when REQ = PWD or TYPE = PWD.
REQ	END ISS ISSP PRT PWD SLT	Request Exit overlay program Print generic version and Issue (Rel 18 & earlier) Print System and Patch Information (Rel 19 & later) Print data block for TYPE specified Print the system Passwords Print System Limits : Incremental Software Management

Prompt	Response	Comment
	TID	Print the Tape ID.
TYPE		Type of data block
	ADAN	All I/O devices
	ADAN AML	Application Modules
	ADAN DCH	D-channel and backup D-channels
	ADAN HST	History Files
	ADAN PRT	System Ports
	ADAN TTY	System Terminals
	ADM	Add-on Data Module (Release 5 and later) Data port interfacing with a data line card
	AHST	All History File
	ALARM	Print Filter and exception tables
	ATRN	Print Meridian Modular Telephone Transmission parameters
	AUDT	Audit Trail buffer Only system Administrators are allowed to print the Audit Trail. They must first respond to PWD2 in LD 17 to define the password.
	CEQU	Common Equipment
	CFN	Configuration record data block
	CHID	Channel ID for ISDN Signaling Link (ISL)
	IMA	IMS Message Attendant
	IADN	Individual Attendant Directory Number
	ISS	Generic version and Issue (Release 18 and earlier)
	ISSP	System and Patch Information (Release 19 and later)
	OVLY	Print Overlay area information

Prompt	Response	Comment
	PARM	System Parameters
	PHST	Previous History File All History File records since last request
	PKG	Packages equipped. For a list of packages, refer to pages 21 or 25.
	PKG xxx	Check equipped/restricted status of package number xxx
	PSWV	Peripheral Software Version(s)
	PWD	Print the system Passwords (Release 19 and later)
	VAS	Value Added Server data
	VHST	View History File
VHST		View the History File
	(%ON)	Turn ON display features
	% OFF	Turn OFF display features
		This command is used to enable or disable the following three display features: • brackets to surround the current index ([]) • percent symbol (%) preceding each History File line • relative location within the History File (in percentage) VHST accepts abbreviated responses.
	BFIND aaaa	Search backward in the History File
		This command can be used to search backward, starting at the current index location, for the string "aaaa." If necessary, the file will wrap until it returns to the same location.
		The text string can be up to 12 characters. Special characters like space, slash (/), and colon (:) are accepted. Leading or trailing spaces are ignored unless enclosed in double quotes. For example, the spaces denoted here are ignored: <SP><SP>INI<SP>. The spaces in this string, however, are included in the search: "<SP><SP>INI<SP>".

Prompt	Response	Comment
		When the string is found, the system displays the current index location. Five text lines are shown, with the middle line containing the sought string. The VHST prompt is re-displayed to allow more command use. If the string is not found, VHST is reprompted to allow more command use.
BFIND		Repeats the previous backward search
DOWN BOT		Moves to the top of the file
DOWN		Move forward 6 lines in the History File This command can be used to move forward in the History File, toward the end. If x exceeds the end of the file, the end will be shown. When the move is complete, VHST is reprompted to allow more command use.
FIND aaaa		Search Forward in the History File This command can be used to search forward, starting at the current index location, for the string "aaaa." If necessary, the file will wrap until it returns to the same location. The text string can be up to 12 characters. Special characters like space, slash (/), and colon (:) are accepted. Leading or trailing spaces are ignored unless enclosed in double quotes. For example, the spaces denoted here are ignored: <SP><SP>INI<SP>. The spaces in this string, however, are included in the search: "<SP><SP>INI<SP>". When the string is found, the system displays the current index location. Five text line are shown, with the middle line containing the sought string. The VHST prompt is re-displayed to allow more command use. If the string is not found, VHST is reprompted to allow more command use.
FIND		Repeats the previous forward search
HELP		List valid responses
NEXT BOT		Moves to the end of the file

LD 22

Prompt	Response	Comment
	NEXT x	Move forward x lines in the History File, display all lines in between. This command can be used to view lines forward, toward the end of the file. The lines between the current index location, and the new one (x lines down) are displayed. If you enter only NEXT, the default of 20 lines is used for the move. When the move is complete, VHST is reprompted to allow more command use.
	PREV TOP	Moves to the top of the file
	PREV x	Move backward x lines in the History File, display all lines in between This command can be used to view lines backward, toward the top of the file. The lines between the current index location, and the new one (x lines up) are displayed. If you enter only PREV, the default of 20 lines is used for the move. When the move is complete, VHST is reprompted to allow more command use.
	TRF	View the system traffic log file
	TTYLOG n	View the log file for TTY port n
	UP TOP	Moves to the top of the file
	UP	Move backward 6 lines in the History File This command can be used to move backward in the History File, toward the top. If x exceeds the top of the file, the top will be shown. When the move is complete, VHST is reprompted to allow more command use.

LD 23—Automatic Call Distribution, Management Reports, Message Center

Overlay program 23 allows Automatic Call Distribution (ACD) data, schedules for management reports and Message Center data to be created, modified, or printed.

ACD groups are also used for Meridian Mail and various server applications. When this overlay is loaded the available system memory and disk records are output in a header. Refer to the introduction of this document for details.

Incremental Software Management (ISM) also provides a header to indicate system configuration limits. For LD 23, the header appears as follows:

ACD DNS AVAIL: xxxxx USED: xxxxx TOT: xxxxx

To prevent Virtual Agent information from appearing on ACD-D reports, do not make changes to Virtual Agents. If a change to a Virtual Agent is required, out the agent and rebuild it with REQ = NEW.

Prompts and responses

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ADS: Auxillary data system data block (includes Multiple Queue Assignment prompts)	page 404

Prompts and responses

Prompt	Response	Comment
REQ	aaa	Request
TYPE	a...a	Type of data block (a...a = ACD, ADS, CDN, NACD, or SCB)
CUST	xx	Customer number associated with this data block
ACDN	x...x	ACD Directory Number
MWC	(NO) YES	Message Waiting Center
- IMS	(NO) YES	Integrated Messaging Service
- - CMS	(NO) YES	Command and Status link
- - IMA	(NO) YES	Integrated Messaging Allowed
- - IVMS	(NO) YES	Integrated Voice Messaging System
- - DNIS	(NO) YES	Dialed Number Identification Service
- - VSID	0-15	Value Added Server ID
- - EES	(NO) YES	End-to-End Signaling
- - APL	0-15	Auxiliary Processor Link number
- - UST	(NO) YES	User Status update
- - VSID	0-15	VAS ID of VAS providing VMS

-- APL	0-15	Auxiliary Processor Link number
-- UMG	(NO) YES	User-to-User Messaging
-- RAN	0-511	RAN route number
-- UMT	2-(6)-15	Update Message Time
AST	(NO) YES	Associated set
DSAC	(NO) YES	Data Services Access Code
- PRIM	(NO) YES	Primary DSAC
- VSID	0-15	Value Added Server ID
MAXP	xxxx	Maximum Positions
SDNB	(NO) YES	Secondary DN Blocking
BSCW	(NO) YES	Block Secondary DN Calls on Walkaway
ISAP	(NO) YES	Integrated Services Application Protocol
ASID	16-31 or (00)	Application service identity from which the acquired message originated
AACQ	(NO) YES	Applicaton Acquired Queue
- VSID	0-15	Value Added Server ID
ALOG	(NO) YES	Automatic Log In
RGAI	(NO) YES	Ring Again for Internal calls
ACAA	(NO) YES	ACD Agent while IDN on-hold Allowed
FRRT	0-511	First RAN route number for ACD
- FRT	0-2044	First RAN Time
SRRT	0-511	Second RAN route number for ACD
- SRT	0-2044	Second RAN Time
NRRT	0-127	Night RAN Route
FROA	(NO) YES	First RAN On Arrival
NCFW	x...x	Night Call Forward
FNCF	(NO) YES	Force Night Call Forward to busy ACD DN
FORC	(NO) YES	Force
- FCFT	0-(2)-30	Flexible Call Force Timer
SPCP	(NO) YES	Separate Post Call Processing
OBTN	aaa	Observation Tone (aaa = (NO), AGT, or ALL)
HSID	0-15	Host ID
CWTH	0-(1)-2047	Calls Waiting Threshold
NCWL	(NO) YES	New Call Waiting Lamp options

LD 23

- CWLF	(0)-2047	Call Waiting Lamp Flash threshold
- CWLW	(0)-2047	Call Waiting Lamp Wink (fast flash) threshold
BYTH	(0)-204	Busy Threshold
OVTH	0-(2047)	Overflow Threshold
TOFT	2-1800	Timed Overflow Threshold in seconds
HPQ	(NO) YES	High Priority Queue
- OCN	(NO) YES	Oldest Call in Network
OVND	x...x x...x x...x	Overflow Directory Number(s)
IFDN	x...x	Interflow Directory Number
- BUSY	aaa bbb ccc ddd	Busy treatment
- AENI	(NO) YES	Automatically Enable Interflow
EMRT	0-511	Emergency Route
MURT	0-511	Music Route
RTPC	(NO) YES	Real Time Processing
STIO	0, 1, 2, ...15	Status Input/Output devices
TSFT	0-(20)-510	Telephone Service Factor Threshold in seconds
HOML	(YES) NO	Headset Or MSB key Log Out
RDNA	(NO) YES	Restricted DN Access
ACNT	xxxx	Account
DAL	(NO) YES	Data Agent Log In with the MSB key allowed
RPRT	(YES) NO	Management reporting and status display
RAGT	2-(4)-30	Reserve Agent
DURT	15-(30)-45	Duration Timer in minutes
RSND	(4)-16	Resend timer
FCTH	10-(20)-100	Flow Control Threshold
CRQS	0-(100)-255	Call Request Queue Size
DNRT	(NO) YES	Delay Night RAN Treatment
IVR	(NO) YES	Interactive Voice Response queue
- TRDN	xxxx	Treatment DN for IVR queue
CWNT	l s c u	Call Waiting Notification TN
CWNC	NO YES	Call Waiting Notification TN control

Prompts and responses by data block

ACD or SCB: Automatic Call Distribution (ACD-D) or Schedule data block

Prompt	Response	Comment
REQ	aaa	Request
TYPE	aaa	Type of data block = ACD or SCB (Automatic Call Distribution or Schedule data block for ACD management reports)
CUST	xx	Customer number associated with this data block
CPRD	dd mm dd mm	Collection Period
SHR	0-23	Start Hour
EHR	0-23	Hour of day that data reporting ends
DOW	1-7	Days of Week for data collection
RFRQ	0-7	Frequency that Reports are to be generated
SFRQ	x	Status display update Frequency (1 or 2)
ROPT	1-4	Report Options
PRI0	0-15	Printer(s) for Output
PAGE	(NO) YES	Start at the top of a new page for each report
AID	(NO) YES	Agent ID mode
- IDLB	(1)-9999	Agent ID Lower Boundary
- IDUB	<i>IDLB</i> -(9999)	Agent ID Upper Boundary
- LOG	(0)-999	Maximum number of agents that can be logged in at any one time
SRPT	(NO) YES	Short Report option for report 4 (Agent position)
TOT4	(NO) YES	Totals on report 4

ADS: Auxillary data system data block (includes Multiple Queue Assignment prompts)

Prompt	Response	Comment
REQ	aaa	Request
TYPE	ADS	Type of data block = ADS (Auxiliary Data System)
CUST	xx	Customer number associated with this data block
AID	(NO) YES	Agent ID mode
- IDLB	(1)-9999	Agent ID Lower Boundary
- IDUB	<i>IDLB</i> -(9999)	Agent ID Upper Boundary
- MQA	(NO) YES	(Don't allow)/Allow agents to use MQA functionality
- - MQAS	(NO) YES	(Don't allow)/Allow agents to specify a Supervisor ID during login
- - MQAP	(NO) YES	(Don't allow)/Allow agents to specify Priorities during login
- - MQCF	(NO) YES	(Don't allow)/Allow automatic Call Forwarding of Phantom TNs to agent sets at login
- - MCFD	x	Number of digits prepended to Agent IDs to find Phantom TNs to Call Forward to agents (x = (0), 1, 2, or 3)

Alphabetical list of prompts

Prompt	Response	Comment
AACQ	(NO) YES	Applicaton Acquired Queue The ACD DN is not acquired by the application The ACD DN is acquired by the application
ACAA	(NO) YES	Allow ACD calls to an agent on an Individual DN (IDN) Call On Hold The agent cannot place an IDN Call On Hold, and return to the idle queue. The agent can put an active IDN Call On Hold and press the in-calls to return to the idle agent queue.
ACDN	x...x	ACD Directory Number Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150
ACNT	x...x	Account (Default activity code) Maximum 4 digits (0 through 9). The # and * are not allowed. Prompted if the ADS data block is built, and CNTL = YES.
AENI	(NO) YES	Automatically Enable Interflow Prompted when IFDN is defined.
AID	(NO) YES	Customer will operate in Position ID mode. Customer will operate in Agent ID mode.
ALOG	(NO) YES	Provide Automatic Log In for agents on this DN. Set to YES for Meridian Mail applications. ALOG applies only to Command and Status Link (CMS) and Data Service Access Codes (DSAC). Prompted if IMS or ISAP = YES.
APL	0-15	Auxiliary Processor Link number Prompted if IMA = YES. The APL is defined in LD 17.
ASID	16-31 or (00)	Application service identity from which the acquired message originated

LD 23

Prompt	Response	Comment
AST	(NO) YES	Associated set Release 16 and earlier. Release 17 and later, the Associate Set assignments is performed in LD 10 and LD 11 for each ACD telephone. In Release 16 and earlier, the AST is assigned automatically to each telephone for an ACD DN with AST = YES.
BSCW	(NO) YES	Block Calls to the Secondary DN on Walkaway The caller to the source DN hears busy tone. Release 13 and later.
BUSY	aaa bbb ccc ddd	Interflow Busy Treatment for different originators Prompted if IFDN is defined. The possible options are: • BSY = caller hears busy tone • SRC = caller is re-linked to source queue Enter BSY or SRC for each of the four different originators: • aaa = Stations • bbb = Attendants • ccc = CO, FEX and WATS trunks • ddd = all other trunk types Defaults if the IFDN is an ACD DN, internal or external DN are: • BSY BSY SRC BSY (3rd entry cannot be changed) Default if the IFDN is an attendant console: • BSY SRC SRC BSY (only the 4th entry can be changed)
BYTH	(0)-2047	Busy Threshold at which the Calls Waiting lamp flashes and this queue ceases to accept overflowed calls. When BYTH = 0, overflow calls are not accepted by this target queue unless an agent is available. To delete existing entry, precede entry with X.

Prompt	Response	Comment
CALB	1 2 ...	Call Filter Bitmap CALB applies to messages such as PCI, DN update, etc. This bitmap is downloaded by the application which is used to control the sending of messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding set message is enabled. CALB is printed if AACR = YES.
CDN	x...x	Control DN Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
CEIL	0-(2047)	CDN Ceiling value CEIL limits the number of unanswered calls a CDN can have at its default ACD DN at a time. New calls receive a busy signal once the ceiling is reached (CO trunks do not receive busy).
CMS	(NO) YES	Command and Status link If this ACD DN is to use the CSL, enter YES. Set to YES for Meridian Mail applications.
CNTL	(NO) YES	Control DN is in control. When CNTL = NO, CDN calls are sent to the Default ACD DN (DFDN).
CPRD	sm sd em ed	Collection Period: Month and day data collection is to start and end. Where: • sm = start month (1-12) • sd = start day of month(1-31) • em = end month (1-12) • ed = end day of month(1-31)

LD 23

Prompt	Response	Comment
CRQS	0-(100)-255	Call Request Queue Size It is recommended that CRQS be approximately 20% higher than the number of trunks available for networking. If the customer selects the OCN option, set this value at 5% over trunking capacity. This avoids reserving agents for calls on the network when trunking facilities are unavailable. Flow Control (FCTH) is typically set at 25% of the call request queue size. The CRQS must be defined for each ACD DN in the network. CRQS must be greater than FCTH. CRQS = 0 closes the queue.
CUST	xx	Customer number associated with this data block as defined in LD 15.
CWLF	(0)-2047	Call Waiting Lamp Flash threshold Prompted if NCWL = YES. CWLF must be greater than or equal to CWITH
CWLW	(0)-2047	Call Waiting Lamp Wink (fast flash) threshold Prompted if NCWL = YES. CWLW must be greater than or equal to CWLF
CWNC	NO YES	Alert rings for all calls Alert rings for only priority calls CWNC appears when a TN has been entered for CWNT. There is no default.
CWNT	I s c u	Call Waiting Notification TN
CWITH	0-(1)-2047 0 X	Calls Waiting Threshold: The number of Calls Waiting in queue that triggers the "calls waiting" indication. To disable To delete existing entry.
DAL	(NO) YES	Data Agent Log In with the MSB key allowed The data agent must be defined with a DTA Class of Service in LD 11. DAL is not prompted when IVMS or DSAC are set to "YES". Release 14 and later. Prompted if TYPE = SCB or ADS.

Prompt	Response	Comment
DFDN	x...x	Local default ACD DN Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Calls to the CDN are directed to this ACD DN. RAN and Music, if provided, are as defined for the CDN. Any other ACD treatment, such as Night, is applied as if the caller directly dialed the ACD DN.
DNIS	(NO) YES	Dialed Number Identification Service Send (do not send) ACD/DNIS information across the link. Not prompted for Virtual Agents.
DNRT	(NO) YES	Delay Night RAN Treatment When DNRT = YES for an ACD DN there is a delay in routing calls to the night RAN. The call is delayed until the call has reached the end of the Night table and there are no outstanding call requests for the call. Prompted if a NACD Night table and a RAN route have been defined.
DOW	1-7	Days of Week for data collection Where: 1 = Sunday and 7 = Saturday
DSAC	(NO) YES	ACD DN is not an IS/Data Service Access Code ACD DN is an IS/Data Service Access Code Prompted when MWC = NO
DURT	15-(30)-45	Duration Timer (in minutes) DURT indicates how long a Target node honors a call request from the Source node. If the timer expires, the call is removed from the call request queue. If this timer is too large, the network call request queues may become overcrowded. If the timer is too small, waiting customers may be cut off from receiving services. This timer must be defined only for Target queues.
EES	YES (NO)	IVMS uses End-to-End Signaling to send tone. IVMS (does not use) End-to-End Signaling to send tone. Prompted when IMA = YES.
EHR	0-23	Hour of day that data reporting ends
EMRT	0-511	Emergency Recorder Trunk Route. The route and at least one trunk must exist before defining EMRT. Enter X to remove.

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Prompt	Response	Comment
FCFT	0-(2)-30	Flexible Call Force Timer (the time in seconds before Flexible Call Force is enforced)
FCTH	10-(20)-100	Flow Control Threshold to allow additional calls into the call request queue The Flow Control option opens and closes the ACD DN for network calls. Once the number of Call Requests received over the network meets the call request queue size defined in LD 23, the queue is shut down (INACTIVE) for network calls. For the queue to open for network calls, the pending queue request size must drop to a value equal to the flow calls control. For example, a call request queue size of 50 with a flow control of 10 allows the queue to become inactive after 50 call requests are pending. After 10 calls or 10 Call Requests have been answered or removed, leaving 40 remaining in queue, the queue will reopen.
FNCF	(NO) YES	Force Night Call Forward to busy ACD DN
FORC	(NO) YES	Force Calls are forced to arrive in answered state. When FORC = Yes, the call arrives on Key 0 (in-calls key) in an answered state. Headsets are recommended for this option.
FROA	(NO) YES	First RAN On Arrival (the 1st RAN to be given to incoming calls immediately; FRT time ignored) If FROA = NO, the call is forced to wait FRT time. Recorded Announcement is only given if an idle agent is not found.
FRRT	0-511	First RAN Route number for ACD The route and at least one trunk must exist before defining FRRT. Enter X to remove.
FRT	0-2044	First RAN Time (the time in seconds allowed before unanswered incoming ACD calls are connected to the first RAN) Prompted if FRRT is defined. If a value is not entered FRT defaults to blank and there is no connection to the RAN.
HMSB	(NO) YES	Agent cannot activate Make Set Busy if an ACD call is on-hold Agent can activate Make Set Busy if ACD call is on-hold

Prompt	Response	Comment
HOML		Handset Removal or Make Set Busy key (MSB key) log out. The HOML option allows an agent to log out by removing the headset or going on hook without using the Make Set Busy (MSB) key. Logout while on Agent Reserve causes a cancellation message.
	(NO)	Log out with only the Make Set Busy key
	YES	Log out with either handset removal or Make Set Busy key activation HOML is prompted if an Auxiliary Data System (ADS) or Schedule Block (SCB) exists.
HPQ		High Priority Queue (preference given to High Priority trunk calls)
	(NO)	Calls from the source queue's high priority trunks are presented after another queue's Timed Overflow queue (TOFQ) calls.
	YES	Calls from the source queue's high priority trunks are presented before another queue's Timed Overflow queue (TOFQ) calls. In an NACD environment, HPQ must be denied to receive the OCN prompt. (HPQ = No)
HSID	0-15	VAS ID for the Host Application Module Link. When the CCR and ML applications are both running, this HSID is the VSID assigned to the AML for Meridian Link in LD 17. The VSID prompt in this CDN configuration will match the VSID for the CCR AML port configured in LD 17.
IDLB	(1)-9999	Agent ID Lower Boundary With Release 19 and later, this prompt is used with the IDUB prompt to determine the maximum number of agents allowed by the system. The number must be within the parameters set by the IDLB and IDUB prompts. Prompted if TYPE = ADS or SCB and AID = YES
IDUB	<i>IDLB</i> -(9999)	Agent ID Upper Boundary With Release 19 and later, this prompt is used with the IDLB prompt to determine the maximum number of agents allowed by the system. The number must be within the parameters set by the IDLB and IDUB prompts. Prompted if TYPE = ADS or SCB and AID = YES

LD 23

Prompt	Response	Comment
IFDN	x...x	Interflow Directory Number The Interflow Directory Number serves as the DN to which calls interflow. Prior to Release 22, IFDN can be up to 23 digits. For Release 22, IFDN can be up to 31 digits. Calls diverted to the IFDN are not routed by NACD. Network calls diverted to an IFDN lose all the network information, so that information cannot be displayed on the terminating telephone. A group hunt pilot DN can be entered. If the OPAO package is equipped, then # can be used in this DN.
	X	To delete existing entry. IFDN and NFCR are affected by the Outpulsing feature for Japan. Refer to the Feature Description in X11 Features and Services for details. Typing four asterisks (****) at the IFDN prompt will not let the user exit Overlay 23.
IMA	(NO) YES	Integrated Messaging Allowed (ACD DN assigned to IMS) Set to YES for Meridian Mail applications.
IMS	(NO) YES	Integrated Messaging Service Set to YES for Meridian Mail applications. IMA must be set to Yes in LD 15.
ISAP	(NO) YES	Integrated Services Application Protocol (ACD messages sent across the ISDN/AP link) Set to YES for Meridian Mail applications.
IVMS	(NO) YES	Integrated Voice Messaging System Set to YES for Meridian Mail applications.
IVR	(NO) YES	Interactive Voice Response queue An ACD queue must be defined as an IVR queue before the Treatment Request for IVR command can be used in Customer Controlled Routing (CCR) applications.
	(0)-999	Login maximum (the maximum number of agents that can be logged in at any one time) LOG cannot exceed MAGT value defined in LD 17.

Prompt	Response	Comment
LOG	(0)-999	Login maximum (the maximum number of agents that can be logged in at any one time) LOG cannot exceed the MAGT value defined in LD 17
MAXP		Maximum Number of Agent Positions. The value of the MAXP can be increased to the allowed maximum or decreased to the current number agents.
	1-70	For M, S and MS
	1-120	For LE, N and ST
	1-240	For XN, RT, VLE, XL and Option 21
	1-500	For NT and Options 51 and 61
	1-1000	For XT
	1-1200	For Option 71 and 81
MCFD		Multiple Queue Assignment (MQA) Call Forwarding Digits MCFD is prompted if MQCF = YES.
	(0)	(0) digits prepended to Agent IDs to find Phantom TNs to Call Forward to agents.
	1	1 digit prepended to Agent IDs to find Phantom TNs to Call Forward to agents.
	2	2 digits prepended to Agent IDs to find Phantom TNs to Call Forward to agents.
	3	3 digits prepended to Agent IDs to find Phantom TNs to Call Forward to agents.
MQA		Multiple Queue Assignment
	(NO)	Don't allow agents to use MQA functionality
	YES	Allow agents to use MQA functionality MQA is prompted if AID = YES and MQA package 297 is equipped. Warning: The HSL link must be disabled before you configure or change MQA.
MQAP		MQA Priority option
	(NO)	Don't allow agents to specify Priorities during login
	YES	Allow agents to specify Priorities during login Prompted if MQA = YES and Priority Agent package 116 is equipped.
MQAS		MQA Supervisor option
	(NO)	Don't allow agents to specify a Supervisor ID during login
	YES	Allow agents to specify a Supervisor ID during login Prompted if MQA = YES.

Prompt	Response	Comment
MQCF	(NO)	MQA Call Forward option Don't allow automatic Call Forwarding of Phantom TNs to agent sets at login
	YES	Allow automatic Call Forwarding of Phantom TNs to agent sets at login Prompted if MQA = YES and Phantom TN package 254 is equipped.
MURT	0-511	Music Route number The route and at least one trunk must exist before defining MURT. Enter X to remove.
MWC	(NO) YES	Message Waiting Center (ACD DN is a message center DN) MWC is set to YES for Meridian Mail applications. Prompted if Message Waiting Center (MWC) package 46 is equipped.
NCFW	x...x	Night Call Forward DN for ACD calls (up to 23 digits) and Operator Revert DN for Meridian Mail (IMS, IVMS). NCFW is tracked on reports as interflow. Prior to Release 22, NCFW can be up to 23 digits. For Release 22, NCFW can be up to 31 digits. Precede NCFW entry with X to delete. Typing four asterisks (****) at the NCFW prompt will not let the user exit Overlay 23.
NCWL	(NO) YES	New Call Waiting Lamp options When NCWL = YES, the Busy Threshold and Overflow Threshold apply only to Overflow by Number and Interflow conditions, but do not change the lamp states. Calls in the Call Request and Local Flow-in queues are included when adding up the calls in queue for lamp state updates.
NRRT	0-511	Night RAN Route number assigned as night announcement for ACD calls. If NRRT and NCFW are both defined, then NRRT course first. The route and at least one trunk must exist before defining NRRT. Enter X to remove.
OBTN	(NO) AGT ALL	No Observation Tone given Audible Observe Tone to Agent only (post Release 14) Audible Observe Tone to all parties (post Release 14) Prior to Release 14, options are YES (NO); YES is equivalent to the AGT option in Release 14 and later

Prompt	Response	Comment
OCN	(NO) YES	Accept Oldest Call in Network This feature determines if the oldest call in the network is answered ahead of calls to the Source location. Use caution with this feature. Because agents are reserved for network calls, agents may remain idle while calls wait in the local queue. To avoid reserving all the agents for network calls, split the ACD group into two areas: one area for all calls and the second area for a group of agents equal to the number of tie lines between the network locations. This solution allows local calls to overflow by time into the area for all calls. The OCN option must be defined only for Target queues. When OCN = YES and HPQ = NO, the system compares calls from queues for that target ACD DN. The highest priority call that has waited the longest is the call presented to the next available agent. When OCN = NO and HPQ = NO, the system selects the oldest call from the ACD DN's own Timed Overflow (TOF) queue. If there are no calls in the Source Timed Overflow queue, the system looks at calls in the Call Request queue and Source Timed Local Flow-in queue. When OCN = NO and HPQ = YES, the system presents calls from the agent's own TOF queue and High-Priority queues before presenting calls from Source TOF queues and Call Request queues. OCN is prompted if Network Automatic Call Distribution (NACD) package 207 equipped.
OUTS	xxxx xxxx	Routing Table entries to be removed Up to 20 entries at a time can be removed from the Enhanced Overflow (EOVF) or Network ACD (NACD) routing tables. Only 5 entries can be entered at a time. OUTS is prompted until just <cr> is entered. Prompted if REQ = CHG. Remove routing tables by list entry number, not by ACD DN. Print the NACD data to see the ACD DN associated with each entry number.

Prompt	Response	Comment
OVBU	aaa bbb ccc ddd	Overflow Busy treatment for specific call originator types when IFDN not defined. Enter the required treatment for Overflow calls: • LNK = caller is re-linked to source queue (the default value) • BSY = caller hears busy tone Enter all four entries at the same appearance. Enter LNK or BSY for each of the four different originators: • aaa = Internal calls • bbb = Attendant calls • ccc = CO, FEX and WATS trunks (only LNK allowed in Release 17 and later) • ddd = DID and TIE trunks If busy tone is configured for CO trunk calls, the calling or called party will be billed for the duration of the call, which is from the time the PBX returns answer supervision until the time the calling party disconnects. In Release 17 and later, BSY is not allowed for CO trunks. Prompted if there is no entry for IFDN.
OVDN	x...x x...x x...x	Overflow ACD Directory Number(s) (maximum of three responses) Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150.
	X	To remove ALL OVDNs for the ACD DN
	Xxxxx	To delete a specific DN.
		Any new entry replaces the old data. The Overflow DN cannot be a CDN.
OVFL		Overflow Tone
	(NO)	Busy tone will be given to call
	YES	Force overflow tone will be given to call by Mobility switch
		OVFL is prompted when a call arrives at a Controlled DN in default mode and when that call has exceeded the CDN-to-a-default-ACD-DN ceiling threshold.

Prompt	Response	Comment
OVTH	0-(2047)	Overflow Threshold OVTH represents the value at which the Calls Waiting lamp winks (Fast flashes), causing calls which are entering the queue to overflow. When OVTH = 0 overflow is attempted when all agents are busy. Enter X to delete existing entry.
PAGE	(NO) YES	Start at the top of a new page for each report
PRIM	(NO) YES	Primary DSAC
PRIO	0-15	Printer(s) for Output (establish the number(s) of devices used for output of reports) These output devices must have been defined in LD 17 as ACD printers. Precede with X to remove a device number.
RAGT	2-(4)-30	Number of seconds an agent in a remote target is reserved for an overflow call. The Reserve Agent Timer keeps the agent reserved until call presentation or timeout. The timer also prevents a situation where an agent may be reserved indefinitely. When an agent is reserved with Countdown Allowed (CNTA) CLS as defined in LD 11, the RAGT countdown is shown on the agent's Digit Display. The agent being reserved has a Reserve Agent Timer with countdown display. The countdown display starts when the Reserve Agent Timer (RAGT) starts, and counts down by increments of 2 seconds, to zero. If the call is not presented to the Target agent before the Reserve Agent Timer (RAGT) expires, that call remains at the originating Source queue. The Target agent is returned to the idle agent queue. If the Reserve Agent Timer is set too high, the agent is reserved waiting for calls. If the Reserve Agent Timer is set too low, the agent may be freed before the network facility can set up the call. Different timer settings can be tried through Load Management. Subsequent calls are presented to agents only after the Reserve Agent Timer has expired. The RAGT must be defined only for Target queues.
RAN	0-511	Recorded Announcement Trunk Route Number for calls entering message queue (default NO RAN)

LD 23

Prompt	Response	Comment
RDNA	(NO) YES	Restricted DN Access Enter NO if use of DN keys is to be allowed without logging in. Enter YES to restrict agents from making outgoing calls when not logged in. Prompted if an Auxiliary Data System (ADS) or Schedule Block (SCB) exists.
REQ		Request
	CHG	Change existing data Select OUT followed by NEW, instead of CHG when switching resources between virtual and actual ACD DN's to avoid unwanted information on ACD-D reports.
	END	Exit Overlay program
	LST	List ACD DN's (This includes ACD DN's, CDN's and NACD DN's)
	NEW	Add new data to the system
	OUT	Remove data block When removing an ACD DN from the Meridian 1 which is monitored by ACD-MAX, the DN is not automatically deleted from the ACD-MAX configuration.
	PRT	Print the specified data
RFRQ		Report Frequency. See also ROPT prompt for Report Options.
	0	No reports
	1	All reports hourly on the hour
	2	All reports hourly on the half-hour
	3	All reports half-hourly
	4	Report 3 every quarter-hour, no other reports.
	5	Report 3 every quarter-hour, other reports hourly on the hour.
	6	Report 3 every quarter-hour, other reports hourly on the half-hour.
	7	Report 3 every quarter-hour, other reports every half-hour

Prompt	Response	Comment
RGAI	(NO) YES	Ring Again for Internal calls When internal caller dials a queue with no available agents, fast ringback is provided. If RGA = YES, the caller can activate Ring Again to be presented to the next available agent. Enter YES for Data Service Access Code. (DSAC). RGA must = YES for DSAC.
ROPT	1 2 3 4	Report Options Agent group Queue Trunk routes Agent position Precede with X to disable a report. More than one option allowed. Any new entry replaces the old data.
RPRT	(YES) NO	Information about this ACD-DN (or CDN) will be included in management reports and status displays Information about this ACD-DN (or CDN) will be excluded in management reports and status displays. RPRT is prompted only if a SCB or an ADS block exists for this customer.
RSND	(4)-16	Message Resend timer (in seconds) This is the length of time the Source node waits for a response from the Target node after sending a Call Request message. When the Resend Timer expires, another message is sent. If the second Call Request message expires without a response, the Call Request is removed from the network queue. The Resend Timer should be changed only if the network uses multiple hops and ISL with lower baud rates. A single hop typically requires 100 ms of real time to set up the call. When the Resend Timer is too large, the control function of the timer to limit traffic to busy nodes is lost. If the Resend Timer is too small, the access of calls to nodes may be limited unnecessarily. The Resend Timer must be defined for the Source node and the Target nodes.
RTPC	(NO) YES	Real Time Processing The SAGP Load Management command does not take effect in real time. The SAGP Load Management command takes effect in real time.

LD 23

Prompt	Response	Comment
SDNB	(NO) YES	Secondary DN Blocking Block calls to the Secondary DN while busy on ACD call.
SFNB	1 2 ...	Set Feature Notification Bitmap SFNB is used for messages such as: SFN (login), SFN (logout), ... This bitmap is downloaded by the application which is used to control the sending of SFN messages on behalf of the acquired TN. A numeric value is printed only if the corresponding message is enabled. SFNB is printed if AACR = YES.
SFRQ	1 2	Frequency of Status Display updates 30 seconds 60 seconds
SHR	0-23	Start Hour Hour of day that data reporting starts
SPCP	(NO) YES	Separate Post Call Processing (to enable separate DCP/PCP indication) When SPCP = YES, agents in Post Call Processing (PCP) are separated from agents in Direct Call Processing (DCP). Changing the SPCP option for an ACD DN changes all ACD DNs in the same customer group. Agent (AGT) key lamp states and display (DAG) field on supervisor telephones are affected by SPCP as follows: AGT key lamp steady: • SPCP = YES; agent is on an ACD call • SPCP = NO; agent is on an ACD call or not ready (NRD) AGT key lamp fast flash: • SPCP = YES; agent is on non-ACD call or NRD • SPCP = NO; agent is on non-ACD call

Prompt	Response	Comment
		DAG Display ACD DN: • SPCP = YES; displays # of agents on ACD calls • SPCP = NO; displays # of agents on ACD calls or NRD DAG Display non-ACD DN: • SPCP = YES; displays # of agents on non-ACD calls or NRD • SPCP = NO; displays # of agents on non-ACD calls The SPCP option is a customer-wide option. A change to SPCP for any ACD queues affects all ACD queues for that customer.
SRPT	(NO) YES	Short Report option for report 4 (Agent position) Use the short report when more than one agent, each with a unique agent ID, logs into the same position ID during a report period.
SRRT	0-511	Second RAN Route number for ACD The route and at least one trunk must exist before defining SRRT. Enter X to remove.
SRT	0-2044	Second RAN Time Time in seconds before second RAN is connected to ACD calls. Prompted if SRRT is defined. There is no default for SRT.
STIO	0, 1, 2,...15	Status Input/Output devices Enter all Input/Output devices assigned for status displays. The device must be first defined in LD 17. Prompted if a Schedule Block (SCB) exists. Enter X to remove.
TABL	x	Table. Where: x = D (Day Table) or N (Night Table) The Day Table is mutually exclusive with TOFT. The Night Table is mutually exclusive with NCFW.
TDNS	(NO) YES	DNIS number is not an original Called Party of a defined CDN queue. DNIS number is an original Called Party of a defined CDN queue. TDNS = YES is recommended if a CDN is defined for the Mobility Control Point (MCP) application to control a Personal Communication Service (PCS) call.

Prompt	Response	Comment
TOFT	2-1800	Timed Overflow Threshold (in seconds) In Release 14 and earlier, the TOFT range is 10 - 1800. Before defining the TOFT value, first delete that OVDN from its Source ACD DN. Then, enter the time, in seconds, that you want a call to wait in queue before it overflows to an OVDN. When REQ = CHG, and the OVDNs are answering TOF calls, an error message is output indicating the affected Target ACD DNs. Enter X to disable the feature. If no value is entered, NONE is printed.
TOT4	(NO) YES	Totals on report 4 Averages are output on report 4 (Agent position) Totals are output on report 4 (Agent position) Prompted if ROPT = 4. If TOT4 = YES, HDCCP column is output on report 1 and 4. Must have ACD-C enabled.
TRDN	xxxx	Treatment DN for IVR queue A treatment DN does not have to be a valid DN in the switch. If Meridian Mail is to be used for both Voice Messaging and IVR, a Treatment DN should not be the same as any Meridian Mail voice box. Enter X to remove.
TRGT	xxxx tttt	Target. Where: • xxxx = Target ACD DN • tttt = time (0-1800) in seconds Up to 20 target ACD DNs can be defined. For each target, tttt is the total time from the call entering the ACD queue until a call request is sent to the target. TRGT rounds up to an even number.
TSFT	0-(20)-510	Telephone Service Factor Threshold (in seconds) Prompted if a Schedule Block (SCB) exits.
TYPE		Type of data block
	ACD	Automatic Call Distribution data block Requires Basic Automatic Call Distribution (BACD) package 40.
	ADS	Auxiliary Data System data block Requires Automatic Call Distribution Package C (ACDC) package 50. Not valid when REQ = PRT.

Prompt	Response	Comment
	CDN	Control Directory Number data block This is a special DN created to specify a destination ACD DN to which incoming calls are directed. Multiple CDNs can direct calls to the same ACD DN providing different treatments based on the CDN parameters. Requires Enhanced ACD Routing (EAR) package 214.
	NACD	Network ACD data block Requires Network Automatic Call Distribution (NACD) package 207.
	SCB	Schedule data Block for ACD Management Reports Requires Automatic Call Distribution, Package C (ACDC) package 42.
UMG	(NO) YES	User to User Messaging
UMT	2-(6)-15	Update Message Time Silence interval in seconds after message queue alert tone.
USFB	1 2 ...	Unsolicited Status Message (USM) Filter Bitmap USFB applies to messages such as: Onhook, Offhook, Ringing, Active, Disconnect, Unringing, Hold, Restore, Ready, Not Ready, Walkaway, Walkaway Return, Reserved, Unreserved, ... This bitmap is downloaded by the application which is used to control the sending of USM messages on behalf of the acquired TN. A numeric value would only be printed if the corresponding message set is enabled. USFB is printed if AACR = YES.
UST	(NO) YES	User Status update
VSID	0-15	Value Added Server ID of VAS providing VMS VASs are external server equipment facilities such as Meridian Mail. Prompted if IMS or ISAP = YES. Must be defined in LD 17.

LD 24—Direct Inward System Access

Overlay program 24 allows data for the Direct Inward System Access (DISA) to be created, modified, and printed.

Prompts and responses by gate opener**DIS: Direct Inward System Access (DISA)**

Prompt	Response	Comment
REQ	aaa	Request
TYPE	DIS	Type of data block = DIS (Direct Inward System)
CUST	xx	Customer number associated with this data block
SPWD	xxxx	Secure data Password
DN	x...x a...a	DISA Directory Number (x...x = 1-7 digit CLID DN ; a...a = (NO) for no CLID entry or 0-125 for CLID entry of DISA DN)
- CLPS	(YES) NO	Calling Party presentation status
- ISID	(YES) NO	(Use) Do not use CLID from ISDN trunk
SCOD	x...x	Security Code
AUTR	(NO) YES	Authorization Code required
TGAR	0-(1)-15	Trunk Group Access Restriction
NCOS	(0)-31	Network Class of Service
COS	aaa	Class of Service (aaa = (CTD), FR1, FR2, FRE, CUN, SRE, TLD, or UNR)
RANR	0-511, (X)	Route number for DISA RAN (Entering "X" removes the existing route and deactivates DISA RAN)
- RTMR	(0)-10-300	Route timer
DGTS	x...x	Digits for DISA Digit Insertion
- DLNT	(YES) NO	Dial tone needed after digit insertion
CRCS	x	Code Restriction Class of Service

Prompts and responses

ESA: Emergency Services Access Data Block

Prompt	Response	Comment
REQ	aaa	Request
TYPE	ESA	Type of data block = ESA (Emergency Services Access)
CUST	xx	Customer number associated with this data block
ESDN	xxxx	Emergency services Directory Number
ESRT	0-511	Emergency Services Access route number
DDGT	x..x	Directing digits
DFCL	x..x	Default ESA Calling Number
OSDN	x..x	On-Site Notification station DN

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Prompt	Response	Comment
AUTR	(NO) YES	Authorization Code required If YES, the user enters the authorization code but not the special prefix access code.
CLPS	(YES) NO	Calling Party presentation status. CLPS is prompted if CLID entry for DN prompt is 0-125. DISA DN presentation status No DISA DN presentation status
COS	(CTD) CUN FR1 FR2 FRE SRE TLD UNR	Conditionally Toll Denied Class of Service Conditionally Unrestricted Class of Service Fully Restricted class 1 Fully Restricted class 2 Fully Restricted Class of Service Semi-Restricted Class of Service Toll Denied Class of Service Unrestricted Class of Service
CRCS	x	Code Restriction Class of Service New Flexible Code Restriction (NFCR) must be activated at least once.
CUST	xx	Customer number associated with this data block as defined in LD 15.
DDGT	x..x	Directing digits (e.g. 1, 11, 911, etc.). Up to 4 digits are accepted. The configured digits are outputted as the called number if the outgoing trunk for the ESA call is a CAMA trunk.
DFCL	x..x	Default ESA Calling Number. The input must be the following lengths: * On a system that is not FNP packaged, 8 or 11 digits are accepted if the first digit of the input is '1'; otherwise the input must be 7 or 10 digit. * On a system that is FNP packaged, up to 16 digits are allowed to be entered. 'X' deletes the data. Note that the prompt does not expect a CLID entry number.

Prompt	Response	Comment
DGTS	x...x X	Digits for DISA Digit Insertion. A maximum of 31 digits can be defined. Removes existing digits and deactivates DISA Digits Insertion. Direct Private Network Access (DPNA) package 250 is required.
DLNT	(YES) NO	Dial tone needed after digit insertion Dial tone not needed after digit insertion
DN	x...x (NO) x...x 0-125	DISA Directory Number and CLID entry x...x = DISA DN ; (NO) = no CLID generated for DISA DN x...x = DISA DN ; 0-125 = CLID entry for DISA DN DN (represented in response by "x...x") can be up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. All trunk routes terminating in DISA must auto-terminate (LD 16 prompt AUTO = YES) and trunks must have ground start signaling (LD 14 prompt SIGL = GRD). The DN must be the same as prompt ATDN in LD 14.
ESDN	xxxx	Emergency services DN. Up to 4 digits are accepted.
ESRT	0-511	Emergency Services Access route number. Precede with "X" to delete the data. Route number of the following routes types are accepted as valid input: CAM COT DID FEX TIE WAT The route number of an ISA service route (LD16, ISAR = YES) can be entered for ESRT as long as the route type of the ISA service route is one of the above.
ISID	(YES) NO	Use CLID from ISDN trunk Do not use CLID from ISDN trunk

LD 24

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Prompt	Response	Comment
NCOS	(0)-3 (0)-7 (0)-15 (0)-99	CDP Network Class of Service NFCR or BARS Network Class of Service NARS Network Class of Service Network Class of Service for Release 13 and later.
OSDN	x..x	On-Site Notification station DN. The input must be a valid single appearance internal DN. 'X' deletes the data. The On Site Notification function is dependent on the OSDN to locate and alert the OSN set in the event of an ESA call.
RANR	0 - 511 (X)	Route number for DISA RAN Removes existing route and deactivates DISA RAN. This prompt appears with Direct Private Network Access (DPNA) package 250 and Recorded Announcement (RAN) package 7.
REQ	CHG END NEW OUT PRT	Request Change existing data block Exit Overlay program Create a new DISA data block Remove a DISA data block Print DISA data block
RTMR	(0)-10-300	Route Timer RTMR = the maximum time (in seconds) that a caller can wait for an available RAN trunk before being removed from the RAN queue. A caller that has failed to capture a RAN trunk during the RTMR time limit will proceed with the call as if DISA RAN has completed. Entering "0" clears the timer and deactivates the DISA RAN timer.
SCOD	x...x	Security Code (1-8 digit DISA security access code) The security code can be changed using REQ = CHG, but is only removed by removing the entire DISA data block. Enter X to remove. Entering <cr> = no code or code not changed.
SPWD	xxxx	Secure Data Password Prompted only if the password is defined in LD 15. If the password is not entered, the security code will not print when PRT is requested.
TGAR	(0)-15 (0)-31 0-(1)-15	Trunk Group Access Restriction: Release 1 to 12 Trunk Group Access Restriction: Release 13 to 21 Trunk Group Access Restriction: Release 22 and later

Prompt	Response	Comment
TYPE	DIS	Type of data block Direct Inward System data block
	ESA	Emergency Services Access data block

LD 26—Group Do Not Disturb

Overlay program 26 allows Do Not Disturb groups to be created, modified, and printed.

Prompts and responses

Prompt	Response	Comment
REQ	aaa	Request
TYPE	DND	Type of data block = DND (Do Not Disturb Group)
CUST	xx	Customer number associated with this data block
GPNO	0-99	Group Number or new Group Number to be formed
TOGP	0-99	Move to Group number
GRPx	0-99	Number of next Group to be moved
STOR	x...x	DN to be Stored
RMOV	x...x	Remove DN

Alphabetical list of prompts

Prompt	Response	Comment
CUST	xx	Customer number associated with this data block as defined in LD 15.
GPNO	0-99 <cr>	Group Number or new Group Number to be formed Print all Group Numbers. Prompted when REQ = PRT.
GRPx	0-99 <cr>	Number of next Group to be moved Proceed to next prompt.
REQ	CHG END MOV MRG NEW OUT PRT REM	Action Request Change existing data block. Exit Overlay program. Move a DN from one DND Group data block to another Group data block. Merge existing Group data blocks into a new Group (the old groups will still exist) data block. Create a New data block. Remove data block. Print DND Group data block. Remove an entry from a Group data block.
RMOV	x...x G0-G99	Remove DN Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Remove Group number
STOR	x...x G0-G99	DN to be stored Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150. Group number to be stored. Numbers may be added when REQ is CHG.
TOGP	0-99	Move To Group number
TYPE	DND	DND Group data block type

LD 28—Route Selection for Automatic Number Identification

Overlay program 28 allows data for Route Selection for Automatic Number Identification (RS-ANI) to be created, modified, and printed.

Prompts and responses

Prompt	Response	Comment
REQ	aaa	Request
TYPE	RSA	Type of data block = RSA (Route Selection ANI)
CUST	xx	Customer number associated with this function
RSAC	xxxx	RS-ANI Access Code digits
0-RT	x...x	0- calls, Route access code (calls to Public Network Operator)
0+RT	x...x	0+ calls, Route access code
1RT	x...x	1+ or IDDD (International Direct Distance Dial) calls Route access code
CORT	x...x	Central Office (local calls) Route access code

Alphabetical list of prompts

Prompt	Response	Comment
0+RT	x...x	0+ calls Route access code (for toll calls that require Public Network Operator assistance) Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150
0-RT	x...x	0- calls, Route access code (calls to Public Network Operator) Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150
1RT	x...x	1+ or IDDD (International Direct Distance Dial) calls, Route access code Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150
CORT	x...x	Central Office (local calls) Route access code Up to 4 digits, up to 7 digits with Directory Number Expansion (DNXP) package 150
CUST	xx	Customer number associated with this function as defined in LD 15
REQ	CHG END NEW OUT PRT	Request Change an existing data block Exit Overlay program Create a New data block Remove data block Print RSA data
RSAC	xxxx	RS-ANI Access Code digits
TYPE	RSA	Route Selection ANI data block

Meridian 1

Option 11C Compact

Input/Output Guide

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